

19990127.qrp v01_n349.qrl.990127

Date: Wed, 27 Jan 1999 19:07:42 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1349

QRP-L Digest 1349

Topics covered in this issue include:

- 1) [31006] Visibe Satellite Prediction Page
by "David Hurley, n2zhy" <n2zhy@amsat.org>
- 2) [31007] Re: Hawaii 15 meters
by Jim <kj5tf@madisoncounty.net>
- 3) [31008] Re: Need money to buy a kit?
by Jeff Johns <jeffj@scott.net>
- 4) [31009] Re: Need money to buy a kit?
by DYARNES@aol.com
- 5) [31010] Re: Visibe Satellite Prediction Page
by Jeff Johns <jeffj@scott.net>
- 6) [31011] FS: MFJ-9030 30M CW Rig
by "Kevin F. Glynn" <kfglynn@prodigy.net>
- 7) [31012] Atlanticon Scheduling
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
- 8) [31013] Big Fox!
by Goemans <jgoemans@facstaff.wisc.edu>
- 9) [31014] Restructuring Question
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
- 10) [31015] Re: Big Fox!
by Tom Palmer <n1tp@worldnet.att.net>
- 11) [31016] NOUR/Fox
by Shepherd@aol.com
- 12) [31017] Fox
by Fred J Kalt <w2xn@juno.com>
- 13) [31018] Fw: Re: Big Fox!
by Fred J Kalt <w2xn@juno.com>
- 14) [31019] Re: Big Fox!
by Vic Rosenthal <rakefet@rakefet.com>
- 15) [31020] Re: Big Fox!
by Tom Palmer <n1tp@worldnet.att.net>
- 16) [31021] Big Fat Fox in CO
by "Marshall Emm" <mgemm@mtechnologies.com>
- 17) [31022] S&S engineering FC-X counter owners?
by Paul Erickson <paule@sfu.ca>
- 18) [31023] FB40 orders on the website
by "George Heron" <gheron@nac.net>
- 19) [31024] Test equipment suggestions?

- by Paul Erickson <paule@sfu.ca>
- 20) [31025] FS: Tektronix 465 o'scope
by "Randy Moore" <wr.moore@worldnet.att.net>
- 21) [31026] Atlanticon Scheduling
by bump-km3d@redrose.net
- 22) [31027] K2 Manual on Web Site; K2 ships too!
by "Eric Swartz - Elecraft, WA6HHQ" <erics@elecraft.com>
- 23) [31028] QRO ops in 'the hunt'
by "Paul Craig, Jr." <n3ysi@easy-pages.com>
- 24) [31029] Re: QRP Kit Discounts for new hams (was: ...loaner rig available)
by k5zty@juno.com
- 25) [31030] Re: Deep discounts/free rigs
by Richard Rood <fcs@juno.com>
- 26) [31031] FS: New TX-RX Mixer Assy for 515
by DSJKALLEN@aol.com
- 27) [31032] FS QRP CW
by RangerSF5@aol.com
- 28) [31033] Please read Important
by RangerSF5@aol.com
- 29) [31034] Re: Ten-Tec Scout
by AC5JH@aol.com
- 30) [31035] Re: Please read Important
by "Frank West" <ke6vbm@earthlink.net>
- 31) [31036] Vertical Dipole ??s
by cd25d@clnk.com (Bill Slater)
- 32) [31037] Re: Please read Important
by Jeff Johns <jeffj@scott.net>
- 33) [31038] Re: QRO ops in 'the hunt'
by "Paul R. Valko" <prvalko@oakland.edu>
- 34) [31039] Fox
by NM5Mike@aol.com
- 35) [31040] Re: NVIS best band example
by Ed Loranger <we6w@juno.com>
- 36) [31041] Re: NVIS (FRONKenstein, not FRANKenstein)hee hee
by W7LS <w7ls@blarg.net>
- 37) [31042] Re: 5 land qsl bureau
by N7YA@aol.com
- 38) [31043] Re: QRP Kit Discounts for new hams (was: ...loaner rig available)
by Al Gritzmacher <ae2t@bigfoot.com>
- 39) [31044] Rockbound? HA! Resonators pull 500 KHz+
by W7LS <w7ls@blarg.net>
- 40) [31045] More resonator yanking
by W7LS <w7ls@blarg.net>
- 41) [31046] Re: Rockbound? HA! Resonators pull 500 KHz+
by John M Andrews <n5inz@juno.com>
- 42) [31047] The NEW 'Freq-Mite' Morse freq. counter...
by Alen Mitrovic <alenm@hermes.si>

- 43) [31048] Re: Atlanticon Scheduling
by "Harry, WA3PTG" <hhurst@delaware.infi.net>
- 44) [31049] Thanks
by Alen Mitrovic <alenm@hermes.si>
- 45) [31050] Re: QRP Kit Discounts for new hams (was: ...loaner
by Michael Neverdosky <MichaelN@cycat.com>
- 46) [31051] Re: Atlanticon Scheduling
by Chris Cartwright <ccart@dns.vidtel.com>
- 47) [31052] Bench RF signal generator--when?
by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
- 48) [31053] Fox
by "Robert B. Callahan" <rbcallahan@juno.com>
- 49) [31054] Re: NVIS (FRONKenstein, not FRANKenstin)hee hee
by Michael Neverdosky <MichaelN@cycat.com>
- 50) [31055] FOX: ALERT! FOX date swap
by "Paul R. Valko" <prvalko@oakland.edu>
- 51) [31056] Atlanticon
by Bruce Muscolino <w6toy@erols.com>
- 52) [31057] Vertical Dipole should be Inverted V Dipole ??'s
by cd25d@clnk.com (Bill Slater)
- 53) [31058] Free kits
by Walt Amos <waltk8cv@surfree.com>
- 54) [31059] Here ya go...another idea (maybe w/ less controversy)
by "Nathan Odle" <nodle01@mail.coin.missouri.edu>
- 55) [31060] Re: Free kits
by Jeff Johns <jeffj@scott.net>
- 56) [31061] AR QRP 40m Net tonight
by Robsparks@aol.com
- 57) [31062] Re: Here ya go...another idea (maybe w/ less controversy)
by Jeff Johns <jeffj@scott.net>
- 58) [31063] Taken Out of Context
by "Tom Moll" <tomm@xata.com>
- 59) [31064] QRP Discounts
by "Bryan Turner" <turnerw@email.uah.edu>
- 60) [31065] 20mtr bobtail Lowered...
by hamjoel@juno.com
- 61) [31066] learning cw
by ac5ez@webtv.net (Larry B)
- 62) [31067] Re: Please read Important
by Jeff <fantbb@yahoo.com>
- 63) [31068] Re: QRP Kit Discounts for new hams (was: ...loaner rig
available)
by Dave Ek <ekdave@earthlink.net>
- 64) [31069] RE: learning cw
by "Nathan Odle" <nodle01@mail.coin.missouri.edu>
- 65) [31070] On air for \$100
by "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
- 66) [31071] Re: learning cw

by "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
67) [31072] Re: learning cw
by Jeff Johns <jeffj@scott.net>
68) [31073] Re: Here ya go...another idea (maybe w/ less controversy)
by Bruce Muscolino <w6toy@erols.com>
69) [31074] History of QRP by Ade Weiss
by Steve Kubisch <WW7Y@sisna.com>
70) [31075] re: Homebrew metal cutting
by kkanalz@optelinc.com
71) [31076] Re: Bench RF signal generator--when?
by applitech@mcg.net (Claton Cadmus)
72) [31077] Re: Here ya go...another idea (maybe w/ less controversy)
by Roger Hightower <n7kt@earthlink.net>
73) [31078] RE: Free kits
by "Roger A. McCarty" <rmccarty@earthlink.net>
74) [31079] Re: Free kits
by "cdd" <cdd@bellatlantic.net>
75) [31080] Re: Bench RF signal generator--when?
by Paul Erickson <paule@sfu.ca>
76) [31081] start somewhere
by ac5ez@webtv.net (Larry B)
77) [31082] Re: Free kits
by Ron Stark <ku7y@dri.edu>
78) [31083] Re: Bench RF signal generator--when?
by Ron Stark <ku7y@dri.edu>
79) [31084] Re: Here ya go...another idea (maybe w/ less controversy)
by Bruce Muscolino <w6toy@erols.com>
80) [31085] Re: Bench RF signal generator--when? (long)
by "George T. Baker" <w5yr@swbell.net>
81) [31086] Re: Free kits
by "Richard Brummer" <obvious@bestweb.net>
82) [31087] RF Chokes..
by "William Phinizy" <k6whp@gte.net>
83) [31088] buying kits
by william h ross <k6mgo@juno.com>
84) [31089] Re: Bench RF signal generator--when?
by applitech@mcg.net (Claton Cadmus)
85) [31090] Homebrew Test Equipment
by Dave Barrett <DBarrett@creo.com>
86) [31091] FOX: First ever FOX
by "Allan G. Taylor" <ataylor@heracles.llnl.gov>
87) [31092] Re: start somewhere
by Ed Loranger <we6w@juno.com>
88) [31093] FYBO: MN QRP Society's Multi-Op Challenge!
by Joe Gervais <vole@primenet.com>
89) [31094] History of QRP by Ade Weiss -Reply
by Bob Reynolds <breynold@sigg.com>
90) [31095] SOLD: Tokyo HyPower HX-240 transverter

by "Caitlyn M. Martin" <cait.martin@ibm.net>
91) [31096] How about this reply?! (Kit Discounts)
by Nathan Odle <nodle01@mail.coin.missouri.edu>
92) [31097] "Re: NorCal 20 Ships" Thank you!
by WD6BOR@aol.com
93) [31098] FYBO: NorCal donates Xcvr kit for Prize List
by Joe Gervais <vole@primenet.com>
94) [31099] 10-turn potentiometer group buy update
by "Jerry McCollom W0MC" <w0mc@hotmail.com>
95) [31100] Re: FOX: ALERT! FOX date swap
by Tom Palmer <n1tp@worldnet.att.net>
96) [31101] Free radios, learnin' code, having fun...
by Chris Cartwright <ccart@dns.vidtel.com>
97) [31102] Free (almost) 30m kit
by malman@world.std.com (joel malman)
98) [31103] Re: Comments on building the MB4 receiver (SPRAT 97)
by "Mel Evans" <MelGM6JAG@bccscotland.freemove.co.uk>
99) [31104] Re: FOX: ALERT! FOX date swap
by Ron Stark <ku7y@dri.edu>
100) [31105] Re: Comments on building the MB4 receiver (SPRAT 97)
by Chris Cartwright <ccart@dns.vidtel.com>
101) [31106] Re: Comments on building the MB4 receiver (SPRAT 97)
by Jeff Johns <jeffj@scott.net>
102) [31107] Boy Scout JOTA and QRP
by Bruce Kizerian <kizerian@ced.utah.edu>
103) [31108] RE: Power station
by Rick Morrison <RickM@firstlogic.com>
104) [31109] Kits for New Hams, my thoughts
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
105) [31110] Re: Comments on building the MB4 receiver (SPRAT 97)
by Jeff Johns <jeffj@scott.net>
106) [31111] Fw: "Re: NorCal 20 Ships" Thank you!
by william h ross <k6mgo@juno.com>
107) [31112] MFJ-9040 power too low
by ke3fl@juno.com
108) [31113] WTB NC20
by "Edward A Kwik jr" <eakwikjr@hti.com>
109) [31114] Re: FOX: ALERT! FOX date swap
by "Paul R. Valko" <prvalko@oakland.edu>
110) [31115] 80 meter resonator parts
by W7LS <w7ls@blarg.net>
111) [31116] For Sale:
by "Robert B. Callahan" <rbcallahan@juno.com>
112) [31117] Re: Kits for New Hams, my thoughts
by Bruce Muscolino <w6toy@erols.com>
113) [31118] FS: Ten Tec XVerter Kits..
by "William Phinzy" <k6whp@gte.net>
114) [31119] Mentoring and CW speed

by Chuck Adams <adams@ticnet.com>
115) [31120] Re: Big Fox!
by Bob Hightower <ki7mn@extremezone.com>
116) [31121] 13 wpm code exam
by "Larry H. Lyda" <wa4pjp@volstate.net>
117) [31122] Not qrp - Oscilloscope for sale
by Michael Melland <badger@vbe.com>
118) [31123] Learning Morse Code
by Norm Melick <henmel@worldnet.att.net>
119) [31124] What to paint it (Was Re: Mentoring ...)
by w4pjj@w4bkx.ampr.org
120) [31125] PSK31 and non Creative Labs card.
by Patrick M Kvitkauskas <pmk@juno.com>
121) [31126] PSK-31: Tuning
by "S. M. Whitehouse" <ke4yh@email.msn.com>
122) [31127] Re: Free (almost) 30m kit
by Jeff <fantbb@yahoo.com>
123) [31128] Re: 13 wpm code exam
by Jeff Johns <jeffj@scott.net>
124) [31129] FOX:NOUR Report.....WOW!!
by Jim NOUR <n0ur@yahoo.com>
125) [31130] Re: 80 meter resonator parts
by "Walter Dufrain" <walter@inlink.com>
126) [31131] Part 2 PSK31 and non Creative Labs card.
by Patrick M Kvitkauskas <pmk@juno.com>
127) [31132] Re: Free kits
by Donald F Firlik <dfirlik@juno.com>
128) [31133] FB40-B 7.015 Fresno
by dave_epps@juno.com
129) [31134] Re: Learning Morse Code
by Jeff Johns <jeffj@scott.net>
130) [31135] Re: MFJ-9040 power too low
by RangerSF5@aol.com
131) [31136] Re: [Fwd: Radio gear on WWII Subs:]
by HWRM1SS@aol.com
132) [31137] More <grin> on free kits(was RE:Free Kits)
by MOBEDDAMAC@aol.com
133) [31138] FYBO: Summary Sheet available now
by Joe Gervais <vole@primenet.com>
134) [31139] Need Hawaii?
by W5TB <w5tb@SoftHome.net>
135) [31140] DX-77T QUESTION
by Neil Klagge <w0yse@juno.com>
136) [31141] RE: Learning Morse Code
by cd25d@clnk.com (Bill Slater)
137) [31142] Milliwatts to PR
by Jim <kj5tf@madisoncounty.net>
138) [31143] Re: [RE: Free kits]

by Roy Lincoln <wa4dou@usa.net>
139) [31144] Re: Free kits
by "Richard Brummer" <obvious@bestweb.net>

Date: Sun, 26 Dec 1999 19:31:13 -0500
From: "David Hurley, n2zhy" <n2zhy@amsat.org>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [31006] Visibe Satellite Prediction Page
Message-ID: <3866B351.E2FEE894@amsat.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Absolutely nothing to do with QRP but since there are so many spacey people on the list, I thought I would share.

Very neat web page by the German Space Operations Center, which predicts times, directions and altitudes of visible satellite passes.

<http://www.gsoc.dlr.de/satvis/>

Go to the page, select a city local to you from the database or input your actual lat and long. After that is done, bookmark the page. This only has to be done once! Your bookmark will bring you back a page with your location for future predictions.

Select Mir, the International Space Station, Stars, other satellites or the dreaded IRIDIUM FLARES and spit out pages of predictions. Predictions, compass and ht in hand go out just before dawn or just after sunset and watch these birds fly by. Oh, the ht(qrp part). Share the stuff with your local repeater. The guys go crazy!

I saw the Mir Space Station and an Iridium flare (my first) tonight! No binoculars necessary! Had two repeaters worth of guys outside watching. Big fun for all!

72
David,n2zhy
Space Cadet

Date: Tue, 26 Jan 1999 18:32:24 -0600

From: Jim <kj5tf@madisoncounty.net>
To: qrp-1@Lehigh.EDU
Subject: [31007] Re: Hawaii 15 meters
Message-ID: <36AE5E98.3226@madisoncounty.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Jim and Larry,

Pls let me know what times UTC and freq range that you've heard KH6AFS.
Hawaii aludes me for WAS/QRP CW! My 40M bent-leg dipoles seems to work
pretty well on 15M.

Thanks for help.

72 Kevin N2TO
Brooklyn, NYC
kfglynn@prodigy.net

Sorry - caught him once at 1901z and at 2306z 21.060MHz is where he
seems to be. But also check 28.060.

Jim KJ5TF

ps - When Im on 21060/28060 from now on Ill call CQ - not CQ DX
!! Thanks! :)

Date: Tue, 26 Jan 1999 18:55:36 -0600
From: Jeff Johns <jeffj@scott.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [31008] Re: Need money to buy a kit?
Message-ID: <199901270055.SAA13895x@scott.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

On Tue, 26 Jan 1999 15:15:01 -0800 (PST), Ron Stark <ku7y@dri.edu> wrote:

> I have bought guns, radios, reloading equipment and etc without
> touching any household money.

Guns & radios! Ain't America great! Before I upgraded to Tech+, my motto was

the saying "they can have my gun, when they pry it from my cold, dead fingers." I think now that I have HF privileges, I'll have to modify that to, "They can have my gun when they pry it from my cold, dead right hand and my key when they pry it from my cold dead left hand!"

73 Jeff

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*----- Jeff Johns W4JEF - AMSAT# 32615 -----*
|jeffj@scott.net w4jef@amsat.org | Reserve Patrol Captain |
| Satellite: Mir R0MIR-1, AO-27 | Jefferson County Sheriff's Dept|
|200LX+BayPac+FT50=Portable Packet| QTH Birmingham, AL USA |
*-----*
```

Date: Tue, 26 Jan 1999 19:58:50 EST
From: DYARNES@aol.com
To: ku7y@dri.edu, qrp-1@lehigh.edu
Subject: [31009] Re: Need money to buy a kit?
Message-ID: <f4a83a0e.36ae64ca@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

In a message dated 1/26/99 4:17:11 PM US Mountain Standard Time, ku7y@dri.edu writes:

<< Years ago in Idaho I did just that. I took my \$25 each pay check and just stopped buying cig's. As the cost of cig's has gone up so has my "cig" money. It's now at \$50 every two weeks. And I hope they put more tax on it so I have an excuse to raise it some more!! >>

Ron is absolutely right except, in my case, I'd be closer to \$50 a week at today's prices. I was good for two packs a day easy, three if there was a cocktail party that night. That gets up over \$40 bucks at least. That all stopped about 12 or 13 years ago (thank goodness). I gave up booze too which made it a hell of a lot easier to give up smoking! I was good for a quart or two of scotch a week too, so that's probably another \$40 bucks or so a week. Hey, all of a sudden I felt like a rich man!!! Sure pays for a lot of radio toys. I've already "paid" for my K2 just since I saw Eric and Wayne at Pacificon.

Now if I could just quit eating so damn much!

72 de Dave W7AQK

Date: Tue, 26 Jan 1999 19:18:45 -0600
From: Jeff Johns <jeffj@scott.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [31010] Re: Visibe Satellite Prediction Page
Message-ID: <199901270118.TAA18611x@scott.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

On Sun, 26 Dec 1999 19:31:13 -0500, "David Hurley, n2zhy" <n2zhy@amsat.org> wrote:

> I saw the Mir Space Station and an Iridium flare (my first) tonight! No
> binoculars necessary! Had two repeaters worth of guys outside
> watching. Big fun for all!

It's absolutely cool, isn't it? Now grab those HT's and work AO-27 via qrp
FM!

73 Jeff W4JEF

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*----- Jeff Johns W4JEF - AMSAT# 32615 -----*
|jeffj@scott.net w4jef@amsat.org | Reserve Patrol Captain |
| Satellite: Mir R0MIR-1, AO-27 | Jefferson County Sheriff's Dept|
|200LX+BayPac+FT50=Portable Packet| QTH Birmingham, AL USA |
*-----*
```

Date: Tue, 26 Jan 1999 20:16:51 -0500
From: "Kevin F. Glynn" <kfglynn@prodigy.net>
To: "QRP-L" <qrp-1@lehigh.edu>
Subject: [31011] FS: MFJ-9030 30M CW Rig
Message-ID: <199901270121.UAA203744@virtualmaster3-int.prodigy.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi gang,

I have for sale the following rig (Emtech NW40 and ZM-1 are sold)

MFJ-9030 30M rig for \$120, shipped CONUS

Please let me know if you're interested and thanks.

72 Kevin N2T0
Brooklyn, NYC
kfglynn@prodigy.net

Date: Tue, 26 Jan 1999 20:35:52 -0500
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
To: NJQRP Club <njqrp@njqrp.org>, "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [31012] Atlanticon Scheduling
Message-ID: <36AE6D78.959EAA49@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

The point about the two day hamfest is well taken. I wonder if the planning is too far gone at this point to put in perhaps an extended lunch break or something to allow dedicated consumers to hit the flea market for a bit on Saturday.

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+++++

T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

Website <http://members.home.net/tjarey>

Snail Mail: PO Box 236, Beverly, NJ 08010

Specialization is for insects! LAZARUS LONG

Date: Tue, 26 Jan 1999 20:46:10 -0600
From: Goemans <jgoemans@facstaff.wisc.edu>
To: qrp-1@lehigh.edu
Subject: [31013] Big Fox!
Message-ID: <199901270142.TAA32946@mail1.doit.wisc.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi All,

Jim N0UR is meltin' my reciever tonite, as are plenty of the hunters.
Sounds like ZL9CI pileup! The din is over S9 here...

72, Paul

Paul R Goemans WA9PWP
1508 Sundt Lane
Stoughton, Wi. 53589-1069 608-877-4151
QRP ARCI 7291 NorCal 1226 QRP-L 127 FISTS 2153 G QRP 9879

Date: Tue, 26 Jan 1999 20:52:56 -0500
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
To: "qrp-l@Lehigh.EDU" <qrp-l@Lehigh.EDU>
Subject: [31014] Restructuring Question
Message-ID: <36AE7178.3407041@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Has there been anything coming out of the F.C.C. or any other source as to when these new changes (whatever they may be) are going to become a reality??? I've heard lots of talk about what is going to be done but nothing about when.

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T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

Website <http://members.home.net/tjarey>

Snail Mail: PO Box 236, Beverly, NJ 08010

Specialization is for insects! LAZARUS LONG

Date: Tue, 26 Jan 1999 20:57:07 -0500
From: Tom Palmer <n1tp@worldnet.att.net>
To: jgoemans@facstaff.wisc.edu

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [31015] Re: Big Fox!

Message-ID: <36AE7273.4A9B0852@worldnet.att.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Same here in SW Florida. Fred, VE3FAL, in Ontario has posted "NOUR/QRP-FOX" on the OH2AQ "DX Summit" DX spotting page. Jim is working the hounds fast and furiously. At least 2 QRO hams ever worked NOUR, not realizing the FOXHUNT is QRP. Tom, N1TP, Naples.

Goemans wrote:

> Hi All,

> Jim NOUR is meltin' my reciever tonite, as are plenty of the hunters.

> Sounds like ZL9CI pileup! The din is over S9 here...

>

> 72, Paul

>

>

> Paul R Goemans WA9PWP

> 1508 Sundt Lane

> Stoughton, Wi. 53589-1069 608-877-4151

> QRP ARCI 7291 NorCal 1226 QRP-L 127 FISTS 2153 G QRP 9879

Date: Tue, 26 Jan 1999 21:39:58 EST

From: Shephed@aol.com

To: qrp-l@lehigh.edu

Subject: [31016] NOUR/Fox

Message-ID: <c2a59c03.36ae7c7e@aol.com>

Mime-Version: 1.0

Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7bit

Content-Transfer-Encoding: 7bit

Jim is booming here into Ohio tonight, so are those Texans! :-)
A lot of calls heard from the left coast and a few in the South.

Hey, this make two in a row for me. Woo hoo!

72, 73

Dan, N8IE

Kettering, Oh
Knwd TS-830s / Vertical / 5 watts
QRP-1 #1404

Date: Tue, 26 Jan 1999 21:52:28 -0500
From: Fred J Kalt <w2xn@juno.com>
To: qrp-1@lehigh.edu
Subject: [31017] Fox
Message-ID: <19990126.215523.-865067.15.w2xn@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Jim,

You are doing an excellent job of being the fox tonite. Could hear you working them fast and furiously. You started out 579 at 9 pm, then quickly went down into the noise. Finally you came back up to 459/559 at about 9:30.

Thanks for pulling me out of the yelping of the hounds. The pelt looks good on the wall.

Fred W2XN
Lakeland, FL
W5YI-VE Skywarn #POL-007 Polk County ARES Net Manager AR QRP
#233 QRP-L #1728
My Web Page:
<http://www.geocities.com/ResearchTriangle/Thinktank/5344/>

Date: Tue, 26 Jan 1999 21:49:24 -0500
From: Fred J Kalt <w2xn@juno.com>
To: qrp-1@lehigh.edu
Subject: [31018] Fw: Re: Big Fox!
Message-ID: <19990126.215523.-865067.13.w2xn@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

The fox started out 579 here in Lakeland, FL, then quickly went to 229 until 930. Then came back up tp 459/559.

Fred W2XN
Lakeland, FL
W5YI-VE Skywarn #POL-007 Polk County ARES Net Manager AR QRP
#233 QRP-L #1728
My Web Page:
<http://www.geocities.com/ResearchTriangle/Thinktank/5344/>

----- Forwarded message -----
From: Tom Palmer <n1tp@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Date: Tue, 26 Jan 1999 20:57:07 -0500
Subject: Re: Big Fox!
Message-ID: <36AE7273.4A9B0852@worldnet.att.net>
References: <199901270142.TAA32946@mail1.doit.wisc.edu>

Same here in SW Florida. Fred, VE3FAL, in Ontario has posted "NOUR/QRP-FOX" on the OH2AQ "DX Summit" DX spotting page. Jim is working the hounds fast and furiously. At least 2 QRO hams ever worked NOUR, not realizing the FOXHUNT is QRP. Tom, N1TP, Naples.

Goemans wrote:

> Hi All,
> Jim NOUR is meltin' my reciever tonite, as are plenty of the hunters.
> Sounds like ZL9CI pileup! The din is over S9 here...
>
> 72, Paul
>
>
> Paul R Goemans WA9PWP
> 1508 Sundt Lane
> Stoughton, Wi. 53589-1069 608-877-4151
> QRP ARCI 7291 NorCal 1226 QRP-L 127 FISTS 2153 G QRP 9879

Date: Tue, 26 Jan 1999 19:07:09 -0800
From: Vic Rosenthal <rakefet@rakefet.com>
To: n1tp@worldnet.att.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [31019] Re: Big Fox!
Message-ID: <36AE82DD.704D7FE0@rakefet.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Tom Palmer wrote:

>

> At least 2 QRO hams
> ever worked NQUR, not realizing the FOXHUNT is QRP.

Yeah, and one of them was obviously not copying word one from Jim. Hmm, maybe it's not such a good idea to spot the fox on packet (just a thought).

73,
Vic, K2VCO
Fresno CA

Date: Tue, 26 Jan 1999 22:15:34 -0500
From: Tom Palmer <n1tp@worldnet.att.net>
To: rakefet@rakefet.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [31020] Re: Big Fox!
Message-ID: <36AE84D5.62B60F80@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Yes, Jim 3 times asked one of the QRO stations "pwr?" and never did get a reply. I think Jim's CW was just a little fast for that ham. Jim asked the other QRO the same question and got "QRO" in reply.

Jim's signal held up here in Florida for the full 2 hours. I think Jim may be the loudest FOX I've heard all season. There were very few times that Jim had to call "CQ" without getting an immediate reply. His total number of Qs should be interesting. Tom, N1TP.
Naples, Florida.

Vic Rosenthal wrote:

> Tom Palmer wrote:
> >

> > At least 2 QRO hams
> > ever worked N0UR, not realizing the FOXHUNT is QRP.
>
> Yeah, and one of them was obviously not copying word one from Jim. Hmm, maybe
> it's not such a good idea to spot the fox on packet (just a thought).
>
> 73,
> Vic, K2VC0
> Fresno CA

Date: Tue, 26 Jan 1999 20:49:28 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: qrp-1@lehigh.edu
Subject: [31021] Big Fat Fox in C0
Message-ID: <199901270349.UAA21687@edison.chisp.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

Jim, you were booming into C0 this evening, peaking at S9 but almost constantly
a good S7-8. I enjoyed working you and hope it was fun. But I have to ask,
did you send the whole thing manually? If so you must have a hand like a claw
by now!

Nice work!

73
Marshall Emm
N1FN/VK5FN
n1fn@MorseX.com
Morse Express
"Everything for the Morse Enthusiast"
<http://www.MorseX.com>
(303)752-3382
--

Date: Tue, 26 Jan 1999 19:49:17 -0800 (PST)
From: Paul Erickson <paule@sfu.ca>
To: qrp-1@lehigh.edu (qrp), qrp-canada@lists.gpfn.sk.ca (qrp-canada)
Subject: [31022] S&S engineering FC-X counter owners?
Message-ID: <199901270349.TAA25711@fraser.sfu.ca>

MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I would appreciate hearing from anyone who own an
S&S engineering FC-X frequency counter.

cheers, Paul VE7CQK/email: paule@sfu.ca

Date: Tue, 26 Jan 1999 22:50:31 -0500
From: "George Heron" <gheron@nac.net>
To: "NJQRP" <NJQRP@njqrp.org>, "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [31023] FB40 orders on the website
Message-ID: <010601be49a8\$485e1010\$59327bd1@herong.dialogic.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

As mentioned over the last week or so, over 150 Fireball 40 "rev B" orders have shipped and the stragglers should be getting to your mailboxes this week. These have been designated "B-1" orders on the website list of FB40b orders: (<http://www.njqrp.org/fireball40/>)

Over 40 new orders have been received since the B-1 mass mailing, and these are currently waiting for the next batch of PCBs to come in from the fab house. These new orders are on the same list, but under the "B-2" category. If you want to see if your order has been received, check out the site and look for your name/callsign.

This website list is updated just about everyday (or when new orders arrive in the mailbox), so check it often if you are wondering.

And don't forget that you can also get the list by automated return e-mail. Put SEND FB40REVB.TXT in the body of a message to EMBOT@NJQRP.ORG and the list of names will be returned to you by e-mail within minutes!

Oh, BTW, the FB40 amplifier "bag o' parts" project is also coming along fine too. Dubbed the "Fireball 40 PLUS" by the kitting captain (Ken Newman, N2CQ), this kit will soon be priced and made available as well. This nice design was used in the Ugly Weekender project from Aug 81 QST and provides 13dB power gain to take your basic FB40 output level up to 1.5W. Also makes a nice, standalone, general purpose, broadband amplifier for other projects

on the bench. A bare FB40b pcb is also available from the Jersey gang.

Once again, thank you for all your orders. You are keeping the Jersey club membership quite busy! We're expecting the stream of orders to continue, especially when the ads in QRPP, QRP Quarterly, CQ mag, 73, and CQ Japan all hit the streets in the coming weeks. So you can expect to hear at least *some* flea powered activity on 7.080 :-)

72,

--George Heron, N2APB
n2apb@amsat.org in Sparta, NJ
for the NJ-QRP Club at <http://www.njqrp.org>

Date: Tue, 26 Jan 1999 20:02:57 -0800 (PST)
From: Paul Erickson <paule@sfu.ca>
To: qrp-1@lehigh.edu (qrp), qrp-canada@lists.gpfn.sk.ca (qrp-canada)
Subject: [31024] Test equipment suggestions?
Message-ID: <199901270402.UAA28894@fraser.sfu.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I'm in the process of working on a couple of my rigs, and could use a sweep generator, and a standard signal generator.

Can anyone recommend some cost effective examples of these items?

cheers, Paul VE7CQK/email: paule@sfu.ca

Date: Tue, 26 Jan 1999 22:03:28 -0600
From: "Randy Moore" <wr.moore@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [31025] FS: Tektronix 465 o'scope
Message-ID: <000001be49a9\$fef321c0\$5112430c@wrmoorerpc>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Tektronix 465 o'scope in excellent condition, both cosmetically and functionally
+ 100 MHZ bandwidth, Dual Channel
+ Vertical Sensitivity -5mV/dv to 5 V/dv
+ Vertical Modes - Chan.1, Chan. 2, Add, Alt., Chop, chan.2 Invert
+ Full range calibrated delayed time base with precision delay timecontrol
+ Horizontal sweep speed: .5v/div. to .05us/div (with x10 mag.-5ns/dv)
+ Horizontal modes - A, Mix, A Inten. B+
+ Includes 1 probe, original operators manual and storage pouch attached to top.
+ \$300 plus shipping charges

72,
Randy, KS4L
Huntsville, AL

Date: Tue, 26 Jan 1999 23:04:57 +0000
From: bump-km3d@redrose.net
To: qrp-l@lehigh.edu
Subject: [31026] Atlanticon Scheduling
Message-ID: <199901270404.XAA77588@nss4.cc.Lehigh.EDU>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

I've been reading posts for the past couple years about Pacificon..... and have always been frustrated by the fact that a trip to the west coast is impossible for me.

Somebody out there is tellin' me that the Holiday Inn will have over 70 QRPers and that there's a concern about missing the flea market ????? That's crazy; Mouser and TechAmerica have 800 numbers for that sort of thing. Although the number of 'fests has dwindled in past years, there's only ONE Pacificon, and Atlanticon has yet to see fullfilment -

C U at Atlanticon! -73, Harry, KM3D

Date: Tue, 26 Jan 1999 20:04:51 -0800
From: "Eric Swartz - Elecraft, WA6HHQ" <erics@elecraft.com>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [31027] K2 Manual on Web Site; K2 ships too!
Message-ID: <36AE9063.4A16CCF8@elecraft.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Congratulations to Doug, Dave, Jim and the rest of the NorCal20 crew. What an amazing effort. I can't imagine how Doug has orchestrated kitting 1,000 kits while holding down a full time day job. Simply amazing! I'm doing this full time now and I still don't seem to find enough time in each day... :^>

It looks like Doug & Co. beat us shipping by one day. We delivered our first K2's to N6XU and AC6KW on Sunday. The rest of our first 100 are winging their way to their owners via the US mail this week.

I have placed the complete K2 manual (assembly, operations, trouble shooting and theory of operations) on our web site, <http://www.elecraft.com> . Follow the 'K2 Manual' link in our index.

73, Eric

Date: Tue, 26 Jan 1999 23:07:34 -0500
From: "Paul Craig, Jr." <n3ysi@easy-pages.com>
To: "qrp-l" <qrp-l@Lehigh.EDU>
Subject: [31028] QRO ops in 'the hunt'
Message-ID: <001101be49aa\$93dc2a20\$dc8fc597@760223503>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Fellow Trappers,

It seems to me I read way back when in the fox hunting rules that although the hunt was designed as a propagation study for qrp, it was not strictly for qrp ops. In other words, if you wanna go snipe hunting with a 458 magnum, you will probably get the snipe. You just wont have a snipe pelt left to hang on the wall. I realize when a qro station joins the pack he is overwhelming most of us however, in a way it's neat we are attracting that much attention. Mebbe, just mebbe, one of those qro ops will tune down next time and join in again. We may have made a sale here, closed the deal so to speak, and not even realize it. As for not being able to copy Jim's CW, I doubt any one of us would not qrs if asked. It's common courtesy and btw, remember when???

Gess I'm just sensitive about the thread of this listing doing too much back patting and not enuf brain teasing. Jim, U were terrif this eve and hope u rank at the top. Going in for more wid just a thk u at the end of each exchg may have made the diff. Congrats on another FB hunt.

72 de n3ysi, Paul in Quakertown, PA

Date: Wed, 27 Jan 1999 04:27:45 -0600

From: k5zty@juno.com

To: qrp-1@lehigh.edu

Subject: [31029] Re: QRP Kit Discounts for new hams (was: ...loaner rig available)

Message-ID: <19990127.043831.10310.5.k5zty@juno.com>

What I see here is a bunch of people with ideas on how to be benevolent with other people's money. If you want to help some new ham, just reach into your own pocket and do it.

Bill, K5ZTY

Houston, TX

k5zty@juno.com

You don't need to buy Internet access to use free Internet e-mail.

Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>

or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 26 Jan 1999 23:39:06 EST

From: Richard Rood <fcsrw@juno.com>

To: kd1jv@moose.ncia.net

Cc: qrp-1@Lehigh.EDU

Subject: [31030] Re: Deep discounts/free rigs

Message-ID: <19990126.233843.4839.2.fcs@juno.com>

On Tue, 26 Jan 1999 15:32:04 +0000 "Steven Weber" <kd1jv@moose.ncia.net> writes:

-----chop-----
>Of course, kits do have the minor problem of getting them tested and
>aligned. A newbie may not have the assembly skills or test equipment
>needed to make them work.

-----chop-----
>
>72,
>Steve, KD1JV in the white Mountains of New Hampshire
>"melt solder"

>
Amen &
Way to go Steve,
We've all heard QRP defined and a lot of other
drums beaten flat. Now we should define
the word ELMER for all those who are really interested.
And if they are listening to this list, they already have
the smarts. We all know the many neat affordable kits
available. All those interested wanna-bees need to
know is where the wires go and how to hook them
up and where to tune for the Fox. We should
make it easy for them to ask us to show them.
It's our challenge! Our ex-novice Vixen, Mary is
an example of how rapidly code is mastered
when there is an interesting use made of that
little singing box with the neato key attached.

dick, w2scf, snj

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 26 Jan 1999 23:43:18 EST
From: DSJKALLEN@aol.com
To: qrp-1@Lehigh.EDU
Subject: [31031] FS: New TX-RX Mixer Assy for 515
Message-ID: <3686b909.36ae9966@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Content-Transfer-Encoding: 7bit

In continuing to sort through my stock of Ten-Tec Argo parts, I came across a NOS (new old stock) and never used 80535 TX-RX mixer board assy for the Argo 515. It was originally purchased for a project that never materialized. This is the board that uses two Motorola MC1496 doubly-balanced mixer ICs, one for the TX and one for the RX.

If any Argo 515 owners want a new spare, make me an offer.

73,
Don Allen W9CW
Urbana, IL
(217) 344-7018

Date: Tue, 26 Jan 1999 23:46:34 EST
From: RangerSF5@aol.com
To: QRP-L@lehigh.edu
Subject: [31032] FS QRP CW
Message-ID: <dac8588d.36ae9a2a@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Nor Cal 40-A.....\$125.00 Shipped
Has the 10K pot
MFJ CW 17 and 15 Meter rigs
The 17-M comes with the MFJ folded Dipole and CW filter...\$125.+ Shipping.
The 15-M has the CW
filter.....\$100.00
All rigs are like new
E mail direct
Thank You
Bob
WA2HOQ

Date: Tue, 26 Jan 1999 23:56:08 EST
From: RangerSF5@aol.com
To: Qrp-L@lehigh.edu
Subject: [31033] Please read Important
Message-ID: <949b1f90.36ae9c68@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Someone had sent me a MO for a \$100.00
First name is jeff.
Can't make out last name.
>From CA., lives on someones lane WHEW!!!!
I thought my doctors writing was bad.
MO was written out in RED and BLACK
No Call and the last name looks like it may start with a *J*
Arrived in a large white torn envelope.
Anyone know who this may be Thank You
Bob
WA2HOQ

Date: Wed, 27 Jan 1999 00:02:13 EST
From: AC5JH@aol.com
To: millerm@merle.acns.nwu.edu, qrp-1@Lehigh.EDU
Subject: [31034] Re: Ten-Tec Scout
Message-ID: <5162bfeb.36ae9dd5@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi All,

I turned the power on my Scout down one time. Since then I have gotten a Fists QRP Century Award with it and a bunch of Fox last season. It is great rig and a lot of fun to operate QRP. If you think about it, what rig ain't fun if you can operate it QRP???

Now my main rig is a Ten Tec Century 21. When I got used to a DC rcvx, I am just as crazy about it. Can even turn it down to 250mW and duplicate the power of my Tuna Tin 2.

Just how much fun is it legal to have in this hobby, anyway?

72
es gud CW es QRP to u all,
Tom AC5JH

Date: Tue, 26 Jan 1999 21:25:53 -0800
From: "Frank West" <ke6vhm@earthlink.net>

To: <RangerSF5@aol.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [31035] Re: Please read Important
Message-ID: <00bf01be49b5\$9aa586c0\$f603b2d1@frank-west>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Lets see CA - yes
\$100.00 - yes
CAN'T make out last name - hmmm
I can do red or black Ink
so lets make my nickname Jeff - yeah yeah that is it
Just kidding - I had to
72 es good lock - de Frank

>Someone had sent me a M0 for a \$100.00
>First name is jeff.
>Can't make out last name.
>>From CA.,

Date: Tue, 26 Jan 1999 23:27:26 -0600
From: cd25d@clnk.com (Bill Slater)
To: <qrp-l@Lehigh.EDU>
Subject: [31036] Vertical Dipole ??s
Message-ID: <01aa01be49b5\$ba043a20\$sbe4050c@willies>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi to all

Am about to consturct a vertical dipole and would like to knkow a couple of things:

- 1) Is the angle between the two legs (ARRL Book states about 90-100 degrees) very critical? i know you cant get it perfect, but does it hurt performance if it is a little of one way or the other?
- 2) Does is effect perfomrance if the legs are even or only slightly lower than the center pole?

Thanks a bunch

73 cd KD5GCX Bill

Date: Tue, 26 Jan 1999 23:30:21 -0600
From: Jeff Johns <jeffj@scott.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [31037] Re: Please read Important
Message-ID: <199901270530.XAA03386x@scott.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

On Tue, 26 Jan 1999 23:56:08 EST, RangerSF5@aol.com wrote:

> Anyone know who this may beThank You

I'll admit that I write pretty badly, and my last name does start with a 'J' but alas it's not me <sigh>. Maybe it was just a benevolent soul who thought you could use the money <grin>. Good luck finding the rightful owner!

73 Jeff W4JEF

```
*----- Jeff Johns W4JEF - AMSAT# 32615 -----*
|jeffj@scott.net w4jef@amsat.org | Reserve Patrol Captain |
| Satellite: Mir R0MIR-1, AO-27 | Jefferson County Sheriff's Dept|
|200LX+BayPac+FT50=Portable Packet| QTH Birmingham, AL USA |
*-----*
```

Date: Wed, 27 Jan 1999 00:44:07 -0500 (EST)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: "Paul Craig, Jr." <n3ysi@easy-pages.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [31038] Re: QRO ops in 'the hunt'
Message-ID: <Pine.0SF.3.95.990127004106.31532A-100000@vela.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 26 Jan 1999, Paul Craig, Jr. wrote:

> Fellow Trappers,
> It seems to me I read way back when in the fox hunting rules that
> although the hunt was designed as a propagation study for qrp, it was not
> strictly for qrp ops.

DING! You are correct!

from da rulz...

1.0 OBJECTIVE - The objective is to HAVE FUN.

and...

1.3 Hound MUST be QRP if giving a qrp-1 number.

Only true-blue QRP-L members must be QRP. Wannbes and straglers are welcome.

73! =paul= W8KC
Collector of Ten*Tecs and other fine plastics
<<http://www.acs.oakland.edu/~prvalko>>

Date: Wed, 27 Jan 1999 00:37:20 EST
From: NM5Mike@aol.com
To: qrp-1@lehigh.edu
Subject: [31039] Fox
Message-ID: <d26b5604.36aea610@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Made my first qso tonight with "the fox" since getting into qrp about 6 months ago. What a blast!

Eric NM5M QrpL 1824

Date: Wed, 27 Jan 1999 01:30:58 EST

From: Ed Loranger <we6w@juno.com>
To: aa5ta@texasonline.net
Cc: qrp-1@Lehigh.EDU
Subject: [31040] Re: NVIS best band example
Message-ID: <19990126.223131.4775.8.we6w@juno.com>

This NVIS stuff is great. As I dissected the military information (My 20th visit there in 2 years), one point caught my eye that I had missed before. Probably because in all my arrogance I had just summarized, internally, that NVIS is just any skyward shooting antenna, low relative to a wavelength.

This brazenly desceptive piece of information is that the properly designed NVIS antenna has a MINIMUM Ground wave component.

Apparently ground wave interference is a "No-no". So the NVIS antenna, properly designed, is a skyward shooting antenna with minimum ground wave component.

Now there's an antenna with an 'Attitude' :-)

This now clarifies why one would desire properly spaced reflectors near this horizontal antenna. Not just skyward enhancement, but phased cancellation of the low azimuthal wave.

Just when I thought all the spiders had gotten bored, another fine web of information forms in the dusty archives of the unfortunate 'Abbey Normal'. (For the uninitiated, from "Frankenstein" where they drop the good brain and use Ms. Normal's one :)

P.S. Got the fox. Hrd. "WE6W UP", qsy'd up and ran into my BMHA net! Sorry I missed the op wanting to chat.... But they know me on BMHA and couldn't disappoint.

72, Ed WE6W, AR Millennium QSO's=211/2000
<http://www.qsl.net/we6w> Radio, everyday in Santa Rosa, CA
QRP-L#1068 AR#112 QRP-Z#106 ARCI:9397 Norcal#2227 QAA#006

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or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 27 Jan 1999 00:01:56 -0800
From: W7LS <w7ls@blarg.net>
To: we6w@juno.com
Cc: qrp-1@lehigh.edu
Subject: [31041] Re: NVIS (FRONKenstein, not FRANKenstin)hee hee
Message-ID: <36AEC7F4.598D@blarg.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Yessiree-Bob. BTW, did you see the Shirley dipole array? It is two dipoles, laid on or near the ground, fed from a common point, exactly halfway between the dipoles, in phase, and a freespace half wave apart. This adds 3 dB to the skyward shot and cancels the groundwave component completely, that is off the broadside of the dipoles. It isn't just a reflector. There is still some groundwave off the ends of the dipoles, due to the slower speed of light in the dirt, right under the antenna. In free space, there would be a perfect null, there. It's a small factor. All this makes it really, really difficult to direction find the operator in the field. The only signals you have to work with are from up over your head. Pssst! Someone go tell James Bond.

Jim W7LS

Ed Loranger wrote:

>
> This NVIS stuff is great. As I disected the military
> information (My 20th visit there in 2 years), one point
> caught my eye that I had missed before. Probably because
> in all my arrogance I had just summarized, internally, that
> NVIS is just any skyward shooting antenna, low relative to
> a wavelength.
>
> This brazenly desceptive piece of information is that the
> properly designed NVIS antenna has a MINIMUM Ground wave
> component.
>
> Apparently ground wave interference is a "No-no". So the
> NVIS antenna, properly designed, is a skyward shooting
> antenna with minimum ground wave component.
>
> Now there's an antenna with an 'Attitude' :-)
>
> This now clarifies why one would desire properly spaced
> reflectors near this horizontal antenna. Not just skyward
> enhancement, but phased cancellation of the low azimuthal
> wave.

>
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> fine web of information forms in the dusty archives of the
> unfortunate 'Abbey Normal'. (For the uninitiated, from "Frankenstein"
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>
>
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> or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 27 Jan 1999 03:06:23 EST
From: N7YA@aol.com
To: qrp-l@lehigh.edu
Cc: dx-qsl@qth.net
Subject: [31042] Re: 5 land qsl bureau
Message-ID: <4d887dfa.36aec8ff@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

In a message dated 1/26/99 8:03:14 AM Pacific Standard Time, ac5ez@webtv.net writes:

<<
For those who dont know, the mdxa.org web site allows you to check the 5 land bureau for supplies that are needed and cards there for you. Not all prefixes are on line yet but they are working on it.
K1zw Larry (Texas) >>

Does anyone know if the 7 buro has this service? i havent heard from them in quite a while...and i KNOW ive got plenty of postage on hand with them. i would like to see what i have in the box...if anything. Thanks.

73...Adam, N7YA

Date: Wed, 27 Jan 1999 03:22:18 -0500
From: Al Gritzmacher <ae2t@bigfoot.com>
To: Internet QRP List <qrp-l@lehigh.edu>
Subject: [31043] Re: QRP Kit Discounts for new hams (was: ...loaner rig available)
Message-ID: <2.2.32.19990127082218.009b7ac8@localnet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Someone wrote:

>This idea has some merit. But [th]ere are several kits in the \$100 range and
>even a real usable single board QRP kit for \$55. Even if they were to be
>discounted, it is hard to believe that a new ham will not get into HF
>because they can not afford a \$55 kit but can afford a \$35 kit. How about
>if they were provided free with funds provided by some sort of pool. The
>pool would come from contributions to some sort of existing national
>organization like ARRL or Nor Cal (include an elective contribution as part
>of dues/subscription) and they would contract with existing QRP kit
>suppliers for big volume discounts. Everyone that passes a Novice or Tech+
>gets one shipped to them when their name shows up on the FCC database. How
>many Novices and Tech+'s get licensed each year?

and someone else replied:

>Nice take on the idea, but it seems to me that that's gonna be a *lot* of
>hams to send kits to...maybe not though...maybe some enterprising person can
>look up the numbers at the FCC and do the math. Of course, as with the
>original idea, informing new hams of their opportunity will be a factor -
>mailings by QRP vendors or QRP clubs to local clubs would be a good bet.

Numbers of new licenses are down, or so the ARRL says, but even so, this might be more than you bargained for. On the other hand, NorCal just found a way to put 500 kits into the hands of third-world hams, why can't we do the same for our own new hams?

Suppose a group decided on a workable number of rigs and found a way to procure them - whether through a 2-for-1 kit like the NC-20 or by donations or other fund-raiser. Even if they were not enough to give every new ham one, they could be given to those who request one, on a first-come-first-served basis. Some new hams may not want or need one. Some may not want a kit, but a pre-built rig would be a step in the right direction to getting them on the air. I'm not in favor of a 'shotgun' approach, giving a rig to every new ham, it seems to invite waste, but for those who need and want it, it would be a good idea.

The rigs could be "on loan" - keep it for one year, or until you don't need it anymore, (acquired your own rig, or no longer want it) whichever is less,

then it would be returned to the group for reassignment to another new ham. An opportunity to buy the rig could infuse new money back into the system and allow a new ham to keep the rig if they like it.

This could be a really big task - keeping track of the equipment, shipping it, repairing returned units, building kits, etc. It probably would be more manageable if done on a small scale by local clubs in their own communities. A local club could either build up the kits for the new hams, or hold an Elmering class and help them build them. The finished kits could then be rotated among new hams for years to come. Maybe we need a central group to organize it and let local clubs participate and manage a small number of loaners locally? Fund-raising could be shared between the organizing group and the local clubs and manufacturers could be approached to provide the kits at cost or at a discount.

I read some commentary about how much rig/kit suppliers may be willing to offer as a discount. One post comes to mind regarding something to the effect that "Why should I give you a discount now so you can buy a Kenwood later?" This program is aimed at those who won't be going out and buying a kilobuck rig. I think we have to be realistic about how much a small business (and they are businesses, despite their close ties to our hobby) can do in a case like this. Quantity buying and shipping as a group should offer some potential savings. Some suppliers will recognize the benefit of growing a market and may be able to do more. If this is worth doing, all involved may need to find ways to finance it, not have one group bear the brunt.

I have been a Ham for nearly 30 years and my first receiver cost me \$50 - paper route money. My first transmitter cost \$13 - earned shoveling snow. I've had a lot of used rigs along the way. It took a long time before I could reach a point in life where I could afford a brand-new kilobuck HF rig. Now that I'm there, guess what, I'm having a ball building and operating sub-\$100 kit QRP rigs! The value of the fun in the radios has no relationship to the price tag and that is what we are trying to let the new hams find out and hopefully the kit manufacturers realize this as well. Most of us can find enough discretionary money to buy a \$100 kit rig, once in a while, if we know it's worth it. Far fewer new hams can do more than dream of a new \$2000+ rig. That is keeping them from trying HF. You can get a 2-m HT for less than \$200 and look how they are selling. They can spend that \$200 on a QRP HF rig, if they can be convinced that it can be a useful and fun rig. But they need to try it to find out. You can't try out a HF rig in five minutes standing at the counter at Radio Shack like you can a 2-m HT. Another thing for the kit suppliers: you may not make a profit on one rig, but they are single-band. Take your profit on the rigs bought for second and third bands, once the bug has bitten. Getting the new ham to try the first rig is the key. Think "entry-level."

Speaking of the NorCal 20, I can just picture mailmen all over the country

wondering why all the nutty hams are meeting them at the door every day! Seriously, this is better than being a kid at Christmas. Thanks in advance to all the NorCal NC-20 crew for the hard work and attention to detail that has gone into this project. You guys really know how to keep the anticipation building! Hope mine shows soon, I've got five days off work and would love to spend some of that time building it!

72,

Al AE2T
Lockport - Niagara Co. - NY

Date: Wed, 27 Jan 1999 00:22:05 -0800
From: W7LS <w7ls@blarg.net>
To: qrp-l@lehigh.edu
Subject: [31044] Rockbound? HA! Resonators pull 500 KHz+
Message-ID: <36AECCAD.1325@blarg.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Ok. Here's the scoop: Take the crystal out of the SmitE 80 meter rig, stuff a 4 MHz resonator in there (Active Electronics has them for a buck or two for a bag of 4, I think) and voila! No further changes necessary to receive. It won't be stable. Have to do a voltage regulation, but it can be yanked all over the band. It won't transmit, due to the diode that is used in the SmitE, etc. That will take a little changing around. No big obstacle.

Actually, I pulled it from about 3.3 MHz to exactly 4 MHz. I did the same stunt with a MRX-40 that I converted to 80. Didn't get quite the range, but mucho KHz, anyway.

Typical crystals will pull a KHz per MHz, or so. The resonator allows me to cover the entire 80/75 meter band. A ceramic resonator is much like a crystal, but can be 'rubbered' a whole lot more. For the newcomers, 'rubbering' means altering the frequency of a crystal or resonator by adding series reactance, like a cap or inductor.

This is not a joke. It really does work. I demo'd it to Alan KB7MBI and Jim AL7FS. The Pixie 2 should come to life with the same coverage, being as the SmitE and Pixie 2 are more or less the same designs.

I'll be working on a complete mod and will publish it here, unless someone beats me to it. Have at it, kids!

73 de Jim, W7LS

Date: Wed, 27 Jan 1999 00:49:18 -0800
From: W7LS <w7ls@blarg.net>
To: qrp-l@lehigh.edu
Subject: [31045] More resonator yanking
Message-ID: <36AED30E.4508@blarg.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi. Forgot to thank Alan Dujenski KB7MBI for locating the resonators and info on them. Murata has some 3.68 MHz resonators that are about the size of a HC-18/U crystal can. The leads are the same spacing, too. Active has 4.0 MHz resonators. I think Digikey has them, as well.

These resonators that Alan found should have a huge influence on our range of frequencies that we have to work with, at least on 80 meters. I'll try to locate a source for 40 meter resonators.

Jim W7LS

Date: Wed, 27 Jan 1999 05:35:50 -0600
From: John M Andrews <n5inz@juno.com>
To: w7ls@blarg.net
Cc: qrp-l@lehigh.edu
Subject: [31046] Re: Rockbound? HA! Resonators pull 500 KHz+
Message-ID: <19990127.053551.10886.0.N5INZ@juno.com>

Hi Jim:

Yup. Beat that drum a few years back. Glad you brought it back up.

My experiments went mostly to the 455 kHz resonators for those folks that found these nice Collins(and Japanese clone) mechanical filters. The BFO xtals are expensive(ouch). The resonators can even be pulled down for the 450 kHz Collins.

7.19 is the resonator you might find. Rare beast. I've only seen it used as a uP clock in a few obsolete games. Only 2 ever found.

Good fer you!

72, John- N5INZ

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or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 27 Jan 1999 12:59:50 +0100
From: Alen Mitrovic <alenm@hermes.si>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [31047] The NEW 'Freq-Mite' Morse freq. counter...
Message-ID: <7519EA69A7D4D111916400A0C955EF61D4652A@hal9000.hermes.si>
Mime-Version: 1.0
Content-Type: text/plain;
charset="windows-1250"

Has anyone already use new Morse frequency counter (The NEW 'Freq-Mite')
from Dave, NN1G?
I have read article about it in one of QST magazine.
If anyone has any experience with it: used it in transceiver etc...

72/73 de Alen / S53MA

> -----
>

Alen Mitrovic

OmniBack Quality Assurance Team
HERMES SoftLab Phone : ++386 61 1865 323
Litijska 51 Fax : ++386 61 1865 270
1000 Ljubljana E - mail : alenm@hermes.si
SLOVENIA :S53MA@hermes.si
Europe WebPage: <http://www.hermes.si/>
Personal Webpage: <http://www.qsl.net/s53ma>

Date: Wed, 27 Jan 1999 07:12:30 -0500
From: "Harry, WA3PTG" <hhurst@delaware.infi.net>
To: <bump-km3d@redrose.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [31048] Re: Atlanticon Scheduling
Message-ID: <005501be49ee\$514b3540\$184b9ace@wa3ptg>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Good point about Mouser & TechAmerica. Let's mention Dan's Small Parts too...

I've only been to one hamfest in recent years, I bought some "good" stuff, but mostly it was computers, retired riceboxes & old fm rigs...

Date: Wed, 27 Jan 1999 13:16:04 +0100
From: Alen Mitrovic <alenm@hermes.si>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [31049] Thanks
Message-ID: <7519EA69A7D4D111916400A0C955EF61D46530@hal9000.hermes.si>
Mime-Version: 1.0
Content-Type: text/plain;
charset="windows-1250"

I would like to thank all QRP-ers who worked me last Thursday.
I was for about two hours in the air and called CQ QRP with my QRO :-) on 14,050 to 14,060 MHz.
Have worked 27 QRP stations; unfortunately band conditions were not so good,
so no overseas contacts were made.
QSL sure 100% via Buro.

See you next time.

72/73 de Alen / S53MA

Sked announcement:
I will be active on 14,060 MHz +/- 5 KHz on Thursday 21st of Jan. at 13:00

GMT

Mode: CW

I will look special for QRP colleagues; will run QRO + TH7DX.

Depends on conditions, I will try QRP with my Sierra TCRV, too.

Other bands are possible too. If someone has some band restriction and would prefer

15 or 10 meters, let me know.

See you in the air.

72 / 73 de Alen / S53MA

Date: Wed, 27 Jan 1999 12:29:17 +0000

From: Michael Neverdosky <MichaelN@cycat.com>

To: qrp-l mailing list <qrp-l@Lehigh.edu>

Subject: [31050] Re: QRP Kit Discounts for new hams (was: ...loaner

Message-ID: <36AEC04D.75F276B3@cycat.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

While I agree with Bill, I don't think the main problem is the money.

Many (most?) new hams are intimidated by everything, operating, installing a rig and antenna, not to mention building a rig.

I think the best help is Elmering.

Help the new Ham to build the rig, install an antenna and help them get on the air a few times. Get people past the fear and intimidation of starting out and see how they go.

Not to mention getting a homebuilt rig to work correctly usually requires some test equipment. A good Elmer can both supply the test equipment and teach the new Ham how (and why) to use it.

I have spent as much on test equipment as I have saved by building rigs.

OTOH I now have test equipment to test and repair all my rigs. :-)

Discounting kits to new hams may be a good idea for kit makers if it gets them repeat business.

How many people on this list have built *just one* kit?

michael N6CHV (in central FL)

k5zty@juno.com wrote:

>
> What I see here is a bunch of people with ideas on how to be benevolent
> with other people's money. If you want to help some new ham, just reach
> into your own pocket and do it.
>
> Bill, K5ZTY

Date: Wed, 27 Jan 1999 08:36:15 -0500 (EST)
From: Chris Cartwright <ccart@dns.vidtel.com>
To: QRP Reflector <qrp-l@lehigh.edu>
Subject: [31051] Re: Atlanticon Scheduling
Message-ID: <Pine.LNX.3.93.990127083000.380A-100000@dns.vidtel.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Seems to me it's a simple matter of choices. If you "have" to hit the hamfest just skip part of Atlanticon. I am going to Atlanticon, and "if I have time" I'll stop by the 'fest. There are several hamfests locally, but only one Atlanticon. There's a group doing a DXpedition to the outer banks of NC that I'd like to be at, on the same date as Atlanticon... just a matter of too many choices...

72

-- Chris Cartwright, Technical Engineer | ccart@vidtel.com --
-- N3XRV ARRL-VE Norcal Zombie #163 | Gaithersburg, MD FM19je --
-- MDmW #5 NJ-QRP #105 QRP-L #655 NORCAL #1891 FISTS #5028 QRP-ARCI #9271 --

Date: Wed, 27 Jan 1999 07:33:29 -0500 (EST)
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: QRP-L List <qrp-l@lehigh.edu>
Subject: [31052] Bench RF signal generator--when?
Message-ID: <Pine.GS0.3.96.990127072033.22511A-100000@moe.cas.utk.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have seen a number of requests for recommendations on test equipment over the last few months. O-scopes get the most print, but RF signal generators sometimes appear.

I am still wondering why some of our better designers on the list have not developed a stand-alone, digital readout and set, plain (sine wave or

close) RF signal generator kit or assembled from the AD9xxx chip that goes to 50 MHz. Standard signal generator output(s) would be useful, as would the ability to punch in a stable signal at any frequency within range for all kinds of test and alignment work. I understand that keeping the spurs and harmonics out of a broadband (or set of relatively broadband) output route is not easy. Also understand these chips are sensitive to induced AC (from a wall module supply?). However, such an instrument--without the bells and whistles of alternate wave shapes and sweeping, etc.--would be a real boon to builders, fixers, experimenters, and tinkers, especially if it can be done at a reasonable cost. (It will not be cheap, like a Oner, but compared to available synthesized generators on the used market, might look like a bargain--and be much more compact on the bench.)

Actually, I am not so much wondering "why not" as I am wondering "when yes." Someday soon?

This is my annual "what I would like for my test bench" message. Now that I have all the antenna analyzers on the ham market, I can go back to planning for the upgrade of the scope and pressing for something to replace my old EICO generator.

-73-

LB, W4RNL

Date: Wed, 27 Jan 1999 07:14:55 -0600
From: "Robert B. Callahan" <rbcallahan@juno.com>
To: Qrp-L@lehigh.edu
Subject: [31053] Fox
Message-ID: <19990127.071456.3614.1.RBCallahan@juno.com>

Thanks for the contact last night Jim (N0UR). I was running a SST at 1 watt into my 40 meter sloper at 60 feet. You were 589 here in The Woodlands, TX. Good Show ole man!

Bob Callahan KC5T #1792

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or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 27 Jan 1999 13:20:49 +0000
From: Michael Neverdosky <MichaelN@cycat.com>
To: qrp-l mailing list <qrp-l@Lehigh.edu>
Subject: [31054] Re: NVIS (FRONKenstein, not FRANKenstein)hee hee
Message-ID: <36AECC61.2C65D962@cycat.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Please remember that as amateurs we have different requirements than the military. We do not need the resistance to DFing and we *may* want some groundwave, or at least not be hurt by it.

When I was in Antarctica I put lots of field parties out with radios. I had to talk to each field party every day or we would have to launch a rescue so good reliable comms were very important. Groundwave was not a problem for me as parties in range of groundwave would be contacted with VHF. The nice thing is that it was easy to rig a low dipole (no trees to hang a high dipole) and then just pick a couple of frequencies that would be most likely to work well.

BTW The only time I did not make instant contact was when the scientist was busy and forgot the radio sched, made contact one hour late. :-))

An additional data point, here in FL we have a daily SSB net on 7251, called "South CARS" "South coast amateur radio service net". The net serves the entire southeast. A few of the net control stations were noted to have very good reliable signals and when asked replied that they had added a wire reflector under their 40m dipole, instant NVIS.

michael N6CHV (in central FL)

w7ls@blarg.net wrote:

>
> Yessiree-Bob. BTW, did you see the Shirley dipole array? It is two
> dipoles, laid on or near the ground, fed from a common point, exactly
> halfway between the dipoles, in phase, and a freespace half wave apart.
> This adds 3 dB to the skyward shot and cancels the groundwave component
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> reflector. There is still some groundwave off the ends of the dipoles,
> due to the slower speed of light in the dirt, right under the antenna. In
> free space, there would be a perfect null, there. It's a small factor.
> All this makes it really, really difficult to direction find the operator
> in the field. The only signals you have to work with are from up over
> your head. Pssst! Someone go tell James Bond.

>
> Jim W7LS
>
> Ed Loranger wrote:
> >
> > This NVIS stuff is great. As I disected the military
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> > caught my eye that I had missed before. Probably because
> > in all my arrogance I had just summarized, internally, that
> > NVIS is just any skyward shooting antenna, low relative to
> > a wavelength.
> >
> > This brazenly desceptive piece of information is that the
> > properly designed NVIS antenna has a MINIMUM Ground wave
> > component.
> >
> > Apparently ground wave interference is a "No-no". So the
> > NVIS antenna, properly designed, is a skyward shooting
> > antenna with minimum ground wave component.

Date: Wed, 27 Jan 1999 08:40:03 -0500 (EST)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: Paul Erickson <paule@sfu.ca>
Cc: QRP List <qrp-l@lehigh.edu>, Monte Stark - KU7Y <ku7y@sage.dri.edu>
Subject: [31055] FOX: ALERT! FOX date swap
Message-ID: <Pine.OSF.3.95.990127083502.31876A-100000@vela.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Please be aware of the following fox change:

Paul VE7CQK has swapped dates with Ron KU7Y.

> I have arranged to swap with Ron because of a change in my
> work schedule.

	GMT	FOX	FOX	START		GMT	FOX	FOX	START
WEEK	DATE	OP	QTH	TIME(Z)		DATE	OP	QTH	TIME(Z)
20	2/17	K0EVZ		ND 0200		2/19	VE7CQK	BC	0100
21	2/24	KU7Y NV		0100		2/26	N1FN CO		0300

cheers, Paul VE7CQK/email: paule@sfu.ca

73! =paul= W8KC
Collector of Ten*Tecs and other fine plastics

<<http://www.acs.oakland.edu/~prvalko>>

Date: Wed, 27 Jan 1999 08:42:40 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: QRP-L@LEHIGH.EDU
Subject: [31056] Atlanticon
Message-ID: <36AF17D0.21C5@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I have sat here and watched the Atlanticon controversy blossom until I can keep silent no longer. I was originally responsible, along with Bob Gobrnick, for FIDM. (Bob, I hope you are well and I look forward to seeing you this year) FIDM is an all day technical conference for QRPers held in Dayton. It is going into its fourth year and is the longest running QRP technical conference going.

On FIDM we recongized that the purpose of going to Dayton was The Annual Dayton Hamfest! We set FIDM for the Thursday before it started so as to not interfere with the religious experience! We doubted we'd have many attendees that first year but were rewarded with a sell out crowd!

Timmonium is a hamfest, much like Dayton in many respects. It is one of the largest on the East coast. It is QRP friendly and had a QRP forum last year, put on by yours truly with the help of many local QRPers. It runs two days.

Could Atlanticon have been scheduled to not interfere? Probably, but that is the word of a person who both understands what is involved in organizing a conference AND also does not know what factors the organizers had to deal with! For whatever reason they had to, or chose to, have it on Saturday; it was their choice.

Those of you attending will just have to suck it up and realize the bargains will all be gone by the time you reach the Hamfest on Sunday. That's how it is! I will try to attend both, health and personal inclinations notwithstanding! I hope to see some of you at each place! I support Atlanticon fully even though I may be at the hamfest!

Date: Wed, 27 Jan 1999 07:50:06 -0600
From: cd25d@clnk.com (Bill Slater)
To: <qrp-l@Lehigh.EDU>
Subject: [31057] Vertical Dipole should be Inverted V Dipole ??'s
Message-ID: <000f01be49fb\$f3397300\$aee4050c@willies>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Sorry for the misinformation. I meant Inverted Dipole

Hi to all

>
>Am about to consturct a vertical dipole and would like to knkow a
>couple of
>things:
>
>1) Is the angle between the two legs (ARRL Book states about 90-100
>degrees) very critical? i know you cant get it perfect, but does it
>hurt
>performance if it is a little of one way or the other?
>
>2) Does is effect perfromance if the legs are even or only slightly
>lower
>than the center pole?
>
>Thanks a bunch
>
>73 cd KD5GCX Bill

Date: Wed, 27 Jan 1999 13:53:59 +0000
From: Walt Amos <waltk8cv@surfree.com>
To: Qrp-l Reflector <qrp-l@lehigh.edu>
Subject: [31058] Free kits
Message-ID: <36AF1A77.F888612@surfree.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Well Folks

Who ever started this has absolutely NO idea what tiger he has by the tail! Al Gritzmacher's letter finally got to me!

The LIBRARY OF CONGRESS lends out talking books and Telephone Pioneers repair them and it is a CAN OF WORMS beleive me! It costs TONS of money, time and people to make it FUNCTION.

Why should the KIT MANUFACTURES support this, they don't even make enough money now to feed the CAT!

Look what Doug and co. just went through for us with free labor.

All this just because some NUBIE won't get out and find a job that CAN PRODUCE \$55 dollars geese!!

Walt k8cv

Date: Wed, 27 Jan 1999 08:05:22 -0600
From: "Nathan Odle" <nodle01@mail.coin.missouri.edu>
To: <qrp-1@lehigh.edu>
Subject: [31059] Here ya go...another idea (maybe w/ less controversy)
Message-ID: <002401be49fe\$155ba140\$8dc9ce80@nathan.missouri.edu>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

OK, while reading the discussion on my idea of QRP kit discounts for new hams, there were a few good points made:

1. What we're really looking for here is Elmers.
2. There's not much profit in kits to begin with
3. "Rig Banks" and loaners make more sense than kit discounts.
4. If all you do is give a kit to a new ham, he might not be too successful or learn much (Elmer redux)

That's not all of them, but there's a few for you. Now, on with my new idea. I was also criticized because many of you thought I was out for a free rig. Or, a few said something to the effect of, "why don't YOU finance it, if you think it's such a good idea".

Firstly, as I replied to W6TOY, I'm not out for a free rig. I have several rigs at my disposal, from QRP to vintage to "kilobuck". My interest is in the new ham. As I wrote in my first message, I've been making a real effort to introduce people to the hobby that I believe will be beneficial to the amateur radio community, and get them interested in HF at the same time instead of just the local repeater traffic.

Secondly, I AM willing to spend my time and money getting a program that's beneficial to the new ham and amateur radio off of the ground. So, here's my proposal:

I would like to produce a set of morse code practice tapes / CD's that are under a public license, i.e. free to copy. I'd like to do it just for 5 WPM at first, and perhaps move on to "upgrade" tapes if the project goes well. I have the equipment to do it, and I will even burn the first generation of CDs. I do think this would be a good example of collaboration amongst group members, as well. If I have to do everything myself, I will...but if there's anyone else wants to get in on it, here are the things that need to be done:

A. Write a script. I'm thinking that it could be somewhat like the ARRL method, because that seems to work well for most people. Obviously though, our script can't be identical to ARRL's ;)

B. Build / Buy / Borrow a code oscillator. Yes, sound cards do work pretty well, but an oscillator keyed off the computer would still provide superior quality.

C. Research the public license. Perhaps something based on the GNU free software license might be in order. I don't know.

C. Record and mix everything. I'm certainly willing to take this part on. I've got the computer / audio equipment at home to handle it, as well as the requisite software and experience.

In the end, I'd like to have the source available in the following formats: CD, tape, and MP3. In case you aren't aware what MP3's are, they're high-quality sound files that use lossy compression to make a file a fraction of the size of the original .WAV file. Think RealAudio, only with the option of higher quality. You can see more at <http://www.winamp.com> (the homepage of the most popular player) This will allow the source to be put out on the Internet. You never know who might come across it and get interested in radio. As for the CDs, I'd be willing to burn 20-25 CD-Rs for initial distribution to clubs around the country. Other CDs and tapes can be made from these "masters". For those who have questioned my financial interest in my "pet projects", this is about the cost of an SW-40+, not to mention my time.

So there you have it. A couple other things I'll throw into the midst of discussion:

1. Any opinions on using 18 WPM or faster instead of 13 WPM for the farnsworth spacing? I saw a comment awhile back that suggested something like this.
2. Although many of us have used the computer for practice, you can't beat the convenience of tapes or CDs. By the time I get home, I'm usually too busy to sit down in front of the computer and study. I had a much easier time learning the code when I could study on the drive to work, at lunch, etc. Although computers are great, and I have supplemented my study with it, computer-only studying has its disadvantages. Just ask ARRL and Gordon West how many tapes & CDs they sell...

So what do you all think? Is it doable? Frankly, if you guys say it's not, I'm still gonna do it ;)

73,
Nathan
KB0NNV
Columbia, MO

Date: Wed, 27 Jan 1999 08:09:09 -0600
From: Jeff Johns <jeffj@scott.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [31060] Re: Free kits
Message-ID: <199901271409.IAA09550x@scott.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

On Wed, 27 Jan 1999 13:53:59 +0000, Walt Amos <waltk8cv@surfree.com> wrote:

> All this just because some NUBIE won't get out and find a job that CAN
> PRODUCE \$55 dollars geese!!

Yeah.... those 12 and 13 year old kids should drop out of school, get a work permit and head to McDonald's <grin>. Uh oh.... I feel the heat from the flames building <g>!

73 Jeff

----- Jeff Johns W4JEF - AMSAT# 32615 -----
jeffj@scott.net w4jef@amsat.org	Reserve Patrol Captain
Satellite: Mir R0MIR-1, A0-27	Jefferson County Sheriff's Dept
200LX+BayPac+FT50=Portable Packet	QTH Birmingham, AL USA

Date: Wed, 27 Jan 1999 09:14:41 EST
From: Robsparks@aol.com
To: qrp-1@lehigh.edu
Subject: [31061] AR QRP 40m Net tonight
Message-ID: <c59bc470.36af1f51@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

The AR-QRP 40 m net is tonight, Wednesday, at 0130Z at 7.042 MHz. Bob, AB5ZD is NCS and will be calling QST AR QRP NET de AB5ZD PSE QNI. At that time, please send your full call, and when I hear you, I will return your call and AS (stand by) while more call in. Mobile stations go to the top of the list. When I have the list, I will start at the top and go down the list for reports and comments. If you are trying a new rig or antenna, tell us about it! Try to keep it short, though, especially if we have a long list! This is a lot of fun, and you don't need to be a member to check in.

72,

Bob AB5ZD

Date: Wed, 27 Jan 1999 08:18:53 -0600
From: Jeff Johns <jeffj@scott.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [31062] Re: Here ya go...another idea (maybe w/ less controversy)
Message-ID: <199901271418.IAA11088x@scott.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

On Wed, 27 Jan 1999 08:05:22 -0600, "Nathan Odle" <nodle01@mail.coin.missouri.edu> wrote:

> 1. Any opinions on using 18 WPM or faster instead of 13 WPM for the
> farnsworth spacing? I saw a comment awhile back that suggested something
> like this.

The ARRL tests are given with an 18wpm, as best I can recall from my recent upgrade and I know that's what I have my MFJ Code Tutor set at while practicing for my 13wpm test.

I think this is a great idea! Although I don't really have any skills to offer the project, I _am_ interested in purchasing a CD. Yep, that's right I said purchase, so don't flame me for this one either <g>. Who else is there better to learn code from than a group of qrp CW people?

73 Jeff

```
*----- Jeff Johns W4JEF - AMSAT# 32615 -----*
|jeffj@scott.net w4jef@amsat.org | Reserve Patrol Captain |
| Satellite: Mir R0MIR-1, AO-27 | Jefferson County Sheriff's Dept|
|200LX+BayPac+FT50=Portable Packet| QTH Birmingham, AL USA |
*-----*
```

Date: Wed, 27 Jan 1999 08:19:08 -0600
From: "Tom Moll" <tomm@xata.com>
To: <qrp-l@lehigh.edu>
Subject: [31063] Taken Out of Context
Message-ID: <000401be4a00\$01656430\$4aaa7acf@tomm.XATA-CORP>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I love it how quotes taken out of context can be humorous.

Officer John Paul / AB4PP offered a good one when (talking about his Car accident) he said . . .

"I was on drugs for over 8 days to reduce the pain and mailed them out to some folks, but don't really know who I even talked to on the phone.... so let me know in a short email if you want them and I will shoot them out."

Just picture it - a cop sends you drugs, then offers to take email requests

for more, and then wants to shoot them with you !
Or did he mean he wanted to just shoot you ? :)

Well, anyway, John, I'm glad you're OK !!! Don't bother to send me any drugs,
I never touch the stuff.

Tom Moll, N0BS

Date: Wed, 27 Jan 1999 08:32:51 +0000
From: "Bryan Turner" <turnerw@email.uah.edu>
To: qrp-1@Lehigh.EDU
Subject: [31064] QRP Discounts
Message-ID: <199901271438.IAA17129@uahis1.uah.edu>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

Discounts for QRP kits? I don't see how some of the manufacturers are able to cover costs at current prices. The Small Wonder Labs SW+ series is a good example.

There is an entry cost for just about any hobby. If you want to fish you have to get a pole; if you want to be an artist you have to get some paint and a canvas. If you want to get on the air you have to get some equipment. How much does it take to get on the air? For \$55 a new ham could get the SW+ and another \$35 gets the optional case. Assuming a \$200 budget, this leaves \$110 to use . For \$30 bucks the prospective ham can go to Radio Shack and get a soldering iron kit and wire stripper. MFJ has a cheap key for \$7.95 (plus \$6.00 !!! shipping). Our prospective ham still has a little over \$65 to spend on feedline and wire, or a hamstick vertical; assuming they have no radio related equipment we'll assume they use their (or their parent's) car as a 12 Volt supply. If they don't have headphones they can get a set for under \$5 at almost any store. This budget drops drastically if there are already tools in the house, or if our prospective ham has an elmer to give him antenna supplies, an old key, &c.

What does this example show?

- (1) Getting on the air does not require thousands of dollars.
- (2) The cost of a basic kit is not the major cost of getting on the air if a ham is starting from scratch. Even deep discounts on kits

would not lower the cost of getting on the air by a large percentage.

The question is one of priority. Assuming we're talking about getting kids on the air, go look at what kids spend their money on. Three or four compact discs will buy a good kit. One concert ticket will cover all of the tools. Have you priced a video game lately? Or the price of \$10 sneakers when they have a designer label? If they are not motivated enough to spend this amount of money on radio will they be motivated enough to pass their license exam?

I don't think it is fair to criticize the kit manufacturers. They are not the cause of the problem of high costs - they are the solution.

Finally, assume that you (the "old timer") are looking at buying a kit. Company A and company B both sell kits that are essentially identical. A's kit is \$80; B's kit is \$100, but they give a discount to anyone not in the call book. How many will buy A's kit (or get an unlicensed friend to order the kit from B)? Be honest - nobody's looking.

73 Bryan W8LN

Date: Wed, 27 Jan 1999 09:34:16 -0500
From: hamjoel@juno.com
To: qrp-l@lehigh.edu
Subject: [31065] 20mtr bobtail Lowered...
Message-ID: <19990127.093417.-212907.0.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

High gang

Well I won't say that checking with L.B.'s web page on SCVs got me to act on an idea... but it did...

my 20mtr bobtail was high.... bottom about 30ft off the gnd.... sooo as I did not like the way it was working.... I brought it down to about 10 to 15 ft above gnd... (that's the lower end) and I am happy to say the little sucker seems to be performing better into the lower 47...

I kept seeing the redflag that said "don't put the antenna up too high" in various publications.... soooooos when I seen it on L. B.'s page I decided to lower the thing...

I guess higher an't always better....
joel in maine with his antenna just above the moose antlers

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 27 Jan 1999 08:34:46 -0600 (CST)
From: ac5ez@webtv.net (Larry B)
To: qrp-l@Lehigh.EDU
Subject: [31066] learning cw
Message-ID: <5595-36AF2406-601@mailtod-122.bryant.webtv.net>
Content-Disposition: Inline
Content-Type: Text/Plain; Charset=US-ASCII
Content-Transfer-Encoding: 7Bit
MIME-Version: 1.0 (WebTV)
Content-Transfer-Encoding: 7Bit

Before cd's, before computers, before code tutors etc. , there was a method of learning code called, "getting on the air". It consisted of actually transmitting cw out into the ether in hopes some one else would hear your crystal controlled rf and respond. If you got a response you then sent cw back and forth and actually talked to another ham via cw. If you did this enough times , you would eventually "learn " the code. No computers, no cd's, no tapes , just "doing cw" on the air.
K1zw

Date: Wed, 27 Jan 1999 06:37:36 -0800 (PST)
From: Jeff <fantbb@yahoo.com>
To: qrp qrp <qrp-l@lehigh.edu>
Subject: [31067] Re: Please read Important
Message-ID: <19990127143736.140.rocketmail@send1e.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

On Tue, 26 Jan 1999 23:56:08 EST, RangerSF5@aol.com wrote:

>
> > Anyone know who this may beThank You
>
> I'll admit that I write pretty badly, and my last name does start with a 'J'
> but alas it's not me <sigh>. Maybe it was just a benevolent soul who thought
> you could use the money <grin>. Good luck finding the rightful owner!

It was me guys. I sent the envelope, the MO and my QSL card to him. Looks like the Post Office tore the heck out of the envelope and lost the QSL card that was in it. Must have been that 1 cent increase in quality that did it. 8-)

Isn't it nice that they raise the price of postage and then pull something like this. And they wonder why the Post Office is held in such low esteem.

Jeff

==

Jeff Jones

AB6MB

NorCal QRP Club #65, QRP-L #1780

CW Forever!!!

Ghost Hunter

Owner of the Delta MudCats fantasy baseball team

Long live Manchester United and the Oakland A's!!!!!!

DO YOU YAHOO!?

Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Wed, 27 Jan 1999 07:46:31 -0700

From: Dave Ek <ekdave@earthlink.net>

To: qrp-l@lehigh.edu

Subject: [31068] Re: QRP Kit Discounts for new hams (was: ...loaner rig available)

Message-ID: <3.0.6.32.19990127074631.0079cd60@mail.earthlink.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Gang,

My two cents' worth: What I think that new hams need most is support and encouragement, not charity. True, sometimes it takes a while to save for equipment. That's the way it goes. So far I've had three requests to borrow the rig I offered as a loaner. Two other hams on this list have told me they might have a rig they could loan. So, it looks like we can fulfill a small need on this list with a small effort. No big deal. If they're being borrowed because those hams are still saving their money for a rig, then that's great. If they're being borrowed because those hams don't know what to buy yet, then that's great, too. For whatever reason, these guys'll get on the air a bit faster than they might have otherwise. Maybe that'll hold their interest better. They might even develop a friendship with the lender.

In my limited experience, there is nothing better than one-on-one contact on a continuing basis between newbie and oldie to help the newbie grow and maintain interest in the hobby. I've become involved in teaching or helping with some of the ham radio classes here in Colorado Springs, and it's been my experience that getting involved in activities with new hams really gives them a leg up in the hobby. They know where to go for advice and support and encouragement.

Speaking of kits in particular, one thing we did here was to conduct a kit-building class. It consisted of eight four-hour sessions, where the first hour was dedicated to basic theory and the remainder of the time was spent building the portion of the kit that the theory covered. Not surprisingly to most on this list, we chose the SW+40 to build (the students paid for them), and we borrowed heavily from the Elmer 101 material (thanks Elmer 101 guys!). Most of the seven participants had never built anything before and wouldn't have undertaken this on their own. The result? These hams now have the confidence to tackle other building projects and have discovered how much fun they can have. Sure, they're not electronic design engineers because of the class, but they have the tools to grow on. Also, we as instructors developed a relationship with many that'll lead to mutual enjoyment in the future. And hopefully we set a good example for them to follow someday. (BTW, I'd encourage any of you to try something like this locally--I think it was a great concept.)

Instead of trying to help everyone at once, why don't we each try to help one or two newbies? The personal approach'll go a long ways.

73,

Dave AB0GO

Date: Wed, 27 Jan 1999 08:48:33 -0600
From: "Nathan Odle" <nodle01@mail.coin.missouri.edu>
To: <qrp-l@lehigh.edu>
Subject: [31069] RE: learning cw
Message-ID: <002c01be4a04\$1d848020\$8dc9ce80@nathan.missouri.edu>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Show me one ham that does this without first learning the characters off-air

and I'd be amazed. Don't get me wrong...I'm all for using CW and increasing your speed on-air, but I'm wondering how you get on the air if you don't know the characters in the first place. Let's not forget that for a guy that hasn't passed the code, a \$12 tape set is often a much nicer proposition than building / buying a receiver (let's also not forget that since they aren't licensed yet they can't TRANSMIT and "actually talk to another ham"). I think we agree on the premise that new hams need to be getting on the air more instead of just relying on tapes, but they've got to start SOMEWHERE...

Nathan
KB0NNV

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of Larry B
Sent: Wednesday, January 27, 1999 8:35 AM
To: Low Power Amateur Radio Discussion
Subject: learning cw

Before cd's, before computers, before code tutors etc. , there was a method of learning code called, "getting on the air". It consisted of actually transmitting cw out into the ether in hopes some one else would hear your crystal controlled rf and respond. If you got a response you then sent cw back and forth and actually talked to another ham via cw. If you did this enough times , you would eventually "learn " the code. No computers, no cd's, no tapes , just "doing cw" on the air.

K1zw

Date: Wed, 27 Jan 1999 10:14:07 -0500 (EST)
From: "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
To: Bryan Turner <turnerw@email.uah.edu>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [31070] On air for \$100
Message-ID: <Pine.LNX.3.95.990127101249.10258L-1000000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I'd heard of a bunch of hams around DC who would go to hamfests and see what kind of stations they could put together (including necessary fix-up) for \$100 or less.

The competition would end after a few months, and said stations would be donated to new and.or less fortunate amateurs to get them on the air.

Scott Rosenfeld ARS N7JI
541-346-7401 Eugene, OR Land o' much rain
If you find me on the air, I'm probably in my car
ham@w3eax.umd.edu <http://w3eax.umd.edu/~ham>

Date: Wed, 27 Jan 1999 10:19:08 -0500 (EST)
From: "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
To: Larry B <ac5ez@webtv.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [31071] Re: learning cw
Message-ID: <Pine.LNX.3.95.990127101715.10258M-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

That was the point of the "NOVICE" license.

A use-it-or-lose-it license, it was.

Non-renewable, it was.

Of course, you still had to GET to 5 wpm but the assumption was that pretty much anyone who wanted to be a ham could do that.

(and hey, it was true)

Actually, vinyl records for learning Morse code were available.

Scott Rosenfeld ARS N7JI
541-346-7401 Eugene, OR Land o' much rain
If you find me on the air, I'm probably in my car
ham@w3eax.umd.edu <http://w3eax.umd.edu/~ham>

On Wed, 27 Jan 1999, Larry B wrote:

> Before cd's, before computers, before code tutors etc. , there was a
> method of learning code called, "getting on the air".
> It consisted of actually transmitting cw out into the ether in hopes
> some one else would hear your crystal controlled rf and respond. If you
> got a response you then sent cw back and forth and actually talked to
> another ham via cw. If you did this enough times , you would eventually
> "learn " the code. No computers, no cd's, no tapes , just "doing cw" on
> the air.

> K1ZW
>

Date: Wed, 27 Jan 1999 09:08:21 -0600
From: Jeff Johns <jeffj@scott.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [31072] Re: learning cw
Message-ID: <199901271508.JAA20966x@scott.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

On Wed, 27 Jan 1999 08:34:46 -0600 (CST), ac5ez@webtv.net (Larry B) wrote:

> "learn " the code. No computers, no cd's, no tapes , just "doing cw" on
> the air.

Very true.... but Nathan is trying his hardest to encourage Tech class hams to upgrade and to attract new hams to the hobby. They may not have a little 'rock rig' to get on the air with, so that would bring us back to the discounted or free rig idea, and that apparently was met with some resistance. Right or wrong, Nathan is trying to take a positive lead in doing something beneficial for everyone involved in the hobby. I don't see why there is so much resistance.

73 Jeff W4JEF

```
*----- Jeff Johns W4JEF - AMSAT# 32615 -----*
|jeffj@scott.net w4jef@amsat.org | Reserve Patrol Captain |
| Satellite: Mir R0MIR-1, AO-27 | Jefferson County Sheriff's Dept|
|200LX+BayPac+FT50=Portable Packet| QTH Birmingham, AL USA |
*-----*
```

Date: Wed, 27 Jan 1999 10:13:42 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: jeffj@scott.net
Cc: QRP-L@LEHIGH.EDU
Subject: [31073] Re: Here ya go...another idea (maybe w/ less controversy)
Message-ID: <36AF2D26.695B@erols.com>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Jeff,

By law ARRL tests must be given at 13 wpm. If your VEC is using a different speed he is in violation of the law. BUT, he is actually helping you -- 18 wpm characters are more difficult to copy than 13 wpm characters but the extra spacing helps! If you are associated with this VEC I would check it out very carefully!

Farnsworth is a teaching tool intended to improve copying by adding extra spaces between characters. It is almost NEVER used on the air, unless the sending station can't copy what he sent and thinks others can't as well!

73

Date: Wed, 27 Jan 1999 08:15:26 -0700
From: Steve Kubisch <WW7Y@sisna.com>
To: qrp-l@lehigh.edu
Subject: [31074] History of QRP by Ade Weiss
Message-ID: <36AF2D8E.18748F19@sisna.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi,

Was reading Ade Weiss's History of QRP again last night and just had to comment to the group. If you start to lose your enthusiasm about QRP or ham radio in general, just read Chapter 1 of this book. Ade is famous for The Joy of QRP, which is a great book, but this one is better. He talks about how he got started in radio during the fifties, and boy, can I relate. We all started at different

times but all have fond memories of those beginnings. He talks about the wonder of radio, the amazement that it works at all. I still marvel that I could work Campbell Island with 1 watt. Half a world away, and I'm talking with them with 1 watt. I was working at the fire station (second job) tonite and worked the Fox with 5 Watts to a Hamstick on my truck, inside the station, amazing. That's why I love QRP, that warm fuzzy feeling I get when they actually hear me. People, get a copy of this book. Chapter 1 alone is worth the price.

It sums up what QRP is all about. And this talented guy is a member of this list, along with many other legends of QRP.

Thanks Ade for making my nite!

73,

--

Steve Kubisch -WW7Y-
640 East 250 North
Centerville, Utah 84014
WW7Y@sisna.com
QRP-ARCI #8559 NorCal #258 QRP-L #94

Date: Wed, 27 Jan 1999 09:30:05 -0600
From: kkanalz@optelinc.com
To: bpooley@bar.auracom.com
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [31075] re: Homebrew metal cutting
Message-ID: <86256706.00555269.00@hdqsmtp01>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

I've seen (and used) similar saw blades here in the U.S.A. ("Southern Canada"). In most hardware stores, they are usually called "Taylor Blades" (named after the inventor?).

When I first encountered them, you could buy a blade (in a kind of bubble-pack) that had a ring on each end -- you could place your thumbs (or index fingers) in the ring and cut stuff without having to have a frame to hold the blade.

Later on, and I think they're still available, they made the blade with "lugs" on each end so it could be mounted in a hacksaw or coping saw frame.

I haven't been consciously looking for them, but next time I'm in Home Depot (or similar) I'll poke around and see if they're still available.

Karl K. - W8TIF

McKinney, Texas

Ben Pooley <bpooley@bar.auracom.com> on 01/26/99 11:57:20 AM

Please respond to bpooley@bar.auracom.com

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
cc: (bcc: Karl Kanalz/hdq/Optel)

Subject: re: Homebrew metal cutting

Years ago in England I used "Abrafiles" for cutting metal.
The Abrafile is a thin (about 1/16 in dia) round file designed
to be mounted under tension in a hacksaw frame. They can cut
in all directions. Very handy for odd shaped holes.

I haven't seen them since I last lived in G-land 30+ yrs ago.

Has anyone seen these or know if they are still available?

73, Ben VE1AHX

Ben Pooley, Allendale Electronics Ltd, RR1 Lockeport NS Canada B0T 1L0
bpooley@bar.auracom.com ve1ahx@rac.ca www.trico.ns.ca/smtassy

Date: Wed, 27 Jan 1999 09:26:26 -0600
From: applitech@mcg.net (Claton Cadmus)
To: <cebik@utkux.utcc.utk.edu>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [31076] Re: Bench RF signal generator--when?
Message-ID: <08e301be4a0a\$5409a840\$a10a5e2c@groucho>

L.B. wrote:

>Actually, I am not so much wondering "why not" as I am wondering "when
>yes." Someday soon?

Already been done or very close anyway. The DDS VFO in QEX by Curt/WB2V.
Lastest code for programming the PIC is at
<http://www.njqrq.org/ham-pic/projects.htm> . Many of us are experimenting
with this VFO and it has been used many times for a signal generator.

Hope this Helps,

73 de KA0GKC Claton Cadmus

cla@mcg.net

MNQRQ #1

Minnesota QRP'ers we're looking for you!

Email me or visit this page <http://www.qsl.net/mnqrq>

Date: Wed, 27 Jan 1999 08:41:47 +0000
From: Roger Hightower <n7kt@earthlink.net>
To: w6toy@erols.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [31077] Re: Here ya go...another idea (maybe w/ less controversy)
Message-ID: <36AED14B.9CB6EB7F@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

There is no "law". It's an FCC Rule. But, at 13 Words Per Minute. Not
a whisper about character speed.

--

72/73, de Roger, N7KT - QRP-L #62 - Zombie #006 - Mesa, AZ

Date: Wed, 27 Jan 1999 07:46:24 -0800
From: "Roger A. McCarty" <rmccarty@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [31078] RE: Free kits
Message-ID: <000a01be4a0c\$31e7f260\$8405b2d1@rmccarty.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

There have been many very thoughtful remarks regarding this subject. I have enjoyed reading them.

My thoughts are two fold; first, everything is usually worth exactly what you must invest of yourself to obtain that thing. Everything.

>From your license class, to the equipment you operate.

Giving anything away usually carries with it the stigma of inherent value. Most manufacturers I deal with would not want their equipment associated with a give-away, for it immediately lowers the apparent value of that product.

In addition, the user tends to qualify the product by the apparent value. Thus the circle begins....

Second, Most of us use Qrp for very personal reasons. Sometimes these reasons are similar between us, but yet still remain personal because of the individual efforts WE put into the rigs.

Consider three basic motivators for Qrp (Not intended to be all inclusive). Some of us use Qrp for totally utilitarian purposes i.e.; we are backpackers or vacationers with limited space. Others enjoy Qrp for the express purpose of building stuff, because it allows us to blend our creative urges with our technical inclinations (or vice versa). And still others, (the bulk of our members?) use Qrp because we enjoy challenge. Perhaps we are basically "Bootstrap" people i.e., we pride ourselves on our personal ability to work under duress or struggle, in effect pulling ourselves up by the bootstraps. I think if your in your home using an AC powered Qrp radio that sits directly adjacent to your Qro radio, you probably are one of these people. Of course these reasons all intertwine and supportive of one another.

My point is, we all had/have a PURPOSE. We are motivated by the PURSUIT of these purposes. And, it is the pursuit that I think we enjoy. Giving something away denies that person this purpose.

Others have covered this very well, I can only add that to really help a newbie, Elmer him/her. Give them a schematic, help them read it/understand it, help them build it when they ask for your assistance, Let them acquire their own parts, throw in a hard to find junk box part if necessary, etc., etc. Bottom line, let them show YOU their internal motivation and let them do it. The end result will be a significantly higher level of respect for the equipment and....., themselves.

FWIW

72!

Roger KD6CC

Date: Wed, 27 Jan 1999 10:40:59 -0500
From: "cdd" <cdd@bellatlantic.net>
To: <waltk8cv@surfree.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [31079] Re: Free kits
Message-ID: <002101be4a0b\$710b1540\$5c7bc997@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

"The Way I See It"

I must add my opinion, I am 47 years old and don't consider myself an old man, but guess what, MOST of the guys I talk to, and especially on CW are either my age or WAY older. Face it people this is generally an old man's hobby, but who cares, I don't. My son is almost 17 years and has a ton of friends that come over. They always end up in the computer/radio room which has WAY more radio stuff than computer stuff. Well guess how many even look at the radios, even if I am operating at the time? "One", one kid said, boy that looks interesting, and it ended there. I work for a BIG company, am around tons of people everyday and when someone's learns I play with ham and especially if I tell them I use mostly CW, they say, wow I didn't know they even used that stuff anymore. You could GIVE the kits/HF rigs away and it would not matter folks. I convinced three friends at work to actually get their license, KA3LPB, N3YYA and N3PZB. Well not even one operates at all, couldn't care less in fact. Bottom line: I say forget this nonsense of give away and discounts of kits/radios ect. It's like telling someone they are going to hell:-) Operate, Operate, and have fun. They will come, "IF" they want, but the 40's and 50's are gone.

Curt/K3ivb

-----Original Message-----

From: Walt Amos <waltk8cv@surfree.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Date: Wednesday, January 27, 1999 8:59 AM
Subject: Free kits

>Well Folks
>
>Who ever started this has absolutely NO idea what tiger he has by the
>tail! Al Gritzmacher's letter finally got to me!
>
>The LIBRARY OF CONGRESS lends out talking books and Telephone Pioneers
>repair them and it is a CAN OF WORMS beleive me! It costs TONS of money,
>time and people to make it FUNCTION.
>
>Why should the KIT MANUFACTURES support this, they don't even make
>enough money now to feed the CAT!
>
>Look what Doug and co. just went through for us with free labor.
>
>All this just because some NUBIE won't get out and find a job that CAN
>PRODUCE \$55 dollars geese!!
>
>Walt k8cv

Date: Wed, 27 Jan 1999 07:49:21 -0800 (PST)
From: Paul Erickson <paule@sfu.ca>
To: applitech@mcg.net
Cc: qrp-1@lehigh.edu (qrp)
Subject: [31080] Re: Bench RF signal generator--when?
Message-ID: <199901271549.HAA22868@fraser.sfu.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Claton,

Which QEX?

cheers, Paul VE7CQK/email: paule@sfu.ca

>
> L.B. wrote:
> >Actually, I am not so much wondering "why not" as I am wondering "when
> >yes." Someday soon?
>
> Already been done or very close anyway. The DDS VFO in QEX by Curt/WB2V.

> Latest code for programming the PIC is at
> <http://www.njqrp.org/ham-pic/projects.htm> . Many of us are experimenting
> with this VFO and it has been used many times for a signal generator.
>
> Hope this Helps,
>
> ----
> 73 de KA0GKC Claton Cadmus
> cla@mcg.net
> MNQRP #1
> Minnesota QRP'ers we're looking for you!
> Email me or visit this page <http://www.qsl.net/mnqrp>
>
>
>

Date: Wed, 27 Jan 1999 10:02:26 -0600 (CST)
From: ac5ez@webtv.net (Larry B)
To: qrp-1@Lehigh.EDU
Subject: [31081] start somewhere
Message-ID: <5461-36AF3892-341@mailtod-121.bryant.webtv.net>
Content-Disposition: Inline
Content-Type: Text/Plain; Charset=US-ASCII
Content-Transfer-Encoding: 7Bit
MIME-Version: 1.0 (WebTV)
Content-Transfer-Encoding: 7Bit

A new ham can start by listening to w1aw or any cw qso thats going on. A
new ham can listen with any radio that can will pick up the short wave
bands. To learn the characters , write them down on your "big chief
yellow pad" , then listen for them on the air. In time you will be able
to pick out each one. The "B" will sound like dahditditdit , for
example. No computer, no tapes etc. Borrow a short wave radio that covers
the 40m band . If you cant afford a #2 pencil and a "big chief pad"
perhaps one might consider a more lucrative job.<grin>
K1zw

Date: Wed, 27 Jan 1999 08:02:34 -0800 (PST)
From: Ron Stark <ku7y@dri.edu>
To: Jeff Johns <jeffj@scott.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [31082] Re: Free kits

Message-ID: <Pine.SOL.3.96.990127074849.2129A-1000000@vortex.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 27 Jan 1999, Jeff Johns wrote:

> Yeah.... those 12 and 13 year old kids should drop out of school, get a work
> permit and head to McDonald's <grin>. Uh oh.... I feel the heat from the
> flames building <g>!

No,

BUT..... there is nothing to keep them from doing some yard
work for people, mowing lawns, cleaning up trash piles, mucking
out barns and etc.

I don't think money is as big an issue as motivation!

And on the subject of CW....

The VERY BEST way in the whole world to learn CW is to learn
to have FUN with cw! Tapes, computers and etc are NOT FUN but
QSOing IS FUN!

It is also very easy to learn CW to the 5 wpm speed just by
listening on the air. And it's MORE FUN than using tapes.

I have nothing against people helping people and having learning
aids to hand out is just fine.

My idea is a little simpler.... if you know someone who is
interested in getting a license, work with them yourself,
one on one. Send the code yourself. Make it fun!

Always remember what Joe, AB7TT says.... if it ain't fun,
you ain't doing it right!

That's just as true for learning code as anything else!

War stories available at a slight extra cost..... :-)

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada.....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Wed, 27 Jan 1999 08:12:55 -0800 (PST)
From: Ron Stark <ku7y@dri.edu>
To: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [31083] Re: Bench RF signal generator--when?
Message-ID: <Pine.SOL.3.96.990127080800.2129C-100000@vortex.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi LB,

As the editor of the QRP ARCI Quarterly for about 3 years,
I tried and tried to get someone to do a column on home
brew test equipment.

I wound up with a sum total of zero!

Maybe George will have better luck.

This is an area that is wide open and needs to be filled.

I think the column should have two goals....

- 1) Building some basic equipment.
- 2) How to use it now that you have it!

I'm posting this without checking with George. He might
already have something on tap.

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada.....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Wed, 27 Jan 1999 10:56:40 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: mike1@urbancom.net

Cc: QRP-L@LEHIGH.EDU
Subject: [31084] Re: Here ya go...another idea (maybe w/ less controversy)
Message-ID: <36AF3738.3DD7@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Michael,

I'm sorry - it is a fine point of law! I'll look it up! However I remain unmoved that copying 18 wpm characters is more difficult than copying 13 wpm characters and actually may increase your opportunity to fail the test!

73

Date: Wed, 27 Jan 1999 10:18:41 -0600
From: "George T. Baker" <w5yr@swbell.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Cc: cebik@utkux.utcc.utk.edu
Subject: [31085] Re: Bench RF signal generator--when? (long)
Message-ID: <36AF3C61.AD983F3F@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

LB, I also still have an old EICO-variety (actually a Knight Kit) signal generator. It had sat on the shelf untouched for at least ten years when I got it out the other day needing a TV-frequency signal for checking a TV cable coax run in my motorhome. It fired right up and everything still worked! Even the frequency was close. Let's hear it for conservative design and "hollow-state" devices . . . and don't be in too big a hurry to replace the EICO!

My old standby lab sig generators are the Tek Constant-Amplitude Model 190 and a GR Model 1330-A originally obtained to drive my GR 916-A bridge. Both of these still seem to be around and make excellent hamshack instruments at a very reasonable price. I would consider either of them to be worth a search.

At the risk of truly revealing my age and origins, let me add that my "real" always-in-the-shack-and-turned-on-all-the-time signal source is a

WWII BC-221 frequency meter manufactured in 1943! Still works perfectly and, again, spot on frequency. Can be found occasionally at flea markets and always worth a few bucks.

Finally, somehow my IC-765 got modified for almost-all-frequency transmission capability, so its output provides an excellent, well-calibrated signal for a variety of lab purposes which may be modulated in a variety of ways. So, this is an example of yet another very usable signal source that many amateurs may have already in their shacks.

I note that you mention that you now have *all* the antenna analyzers, which I presume includes the CIA-HF. I would enjoy reading your comments about it.

Incidentally, I have found that its calibration agrees almost exactly with my IC-765 and that it outputs a very usable signal which is relatively narrow band, which implies a fair degree of waveform purity. Such is NOT the case with the Autek RF-1, however. Its output, at least the one I have, is rather "dirty."

Good luck in your search and in prodding the amateur community to improve itself.

72/73, George

Amateur Radio W5YR, in the 53rd year and it just keeps getting better!
AutoPOWER Systems, Fairview, TX (30 mi NE Dallas) Collin County
QRP-L QRP-ARCI FISTS NORCAL ZOMBIE #522 ARS 10-X 33.2 N 96.6 W EM13RE

Date: Wed, 27 Jan 1999 11:22:04 -0500
From: "Richard Brummer" <obvious@bestweb.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.edu>
Subject: [31086] Re: Free kits
Message-ID: <009501be4a11\$2dd6bda0\$6805b3d8@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Well guess how many even look at the radios, even if I am operating at the time? "One", one kid said, boy that looks interesting, and it ended there.

Curt,

Maybe it didn't have to end there. If that ONE kid was interested, ask him if he'd like to learn something more about what you are doing. Then switch over to SSB and let him (and maybe the others with him) chat with somebody, from a different state or a different country. If that one kid who said he was interested told his friends about it who knows how many more kids could have gotten interested!

There are too many people who think that amateur radio is too expensive a hobby in which to get started, or think that you still have to "learn the code." If they only knew that some of these conceptions are not true, perhaps we could expand our ranks even more.

My \$.02 !

73,
Dick K2REB Mahopac, NY
obvious@bestweb.net
QRP-L #1811 FISTS #5735
Enjoying Ham Radio for 34 years

Date: Wed, 27 Jan 1999 08:38:41 -0800
From: "William Phinizy" <k6whp@gte.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [31087] RF Chokes..
Message-ID: <000301be4a13\$807778e0\$30ad2599@k6whp>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Quick Question:

I was putting together a simple circuit calling for two RFCs -- 1 mH and one 22 uH. I didn't have them in the parts pile. Can I fabricate something similar instead of waiting until the Mouser/Dan's delivery comes?

They were for, by the way, DeMaw's "Challenger Two" QRP Oscillator in "QRP Notebook".

Date: Wed, 27 Jan 1999 08:15:17 -0800
From: william h ross <k6mgo@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [31088] buying kits
Message-ID: <19990127.083734.-3187949.1.k6mgo@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gee, I shouldn't have quiet smoking when I did. At that time I was only paying about 30 cents a pack. You can't buy much radio gear for \$2.10 a week

72 & Zut
Bill, K6MGO QRP-L #1532

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 27 Jan 1999 10:36:29 -0600
From: applitech@mcg.net (Claton Cadmus)
To: "Paul Erickson" <paule@sfu.ca>
Cc: "qrp" <qrp-l@lehigh.edu>
Subject: [31089] Re: Bench RF signal generator--when?
Message-ID: <092401be4a14\$438762a0\$a10a5e2c@groucho>

Paul Erickson <paule@sfu.ca> wrote:

>Which QEX?

QEX - July,1997

BTW, circuit boards for the DDS VFO are available from Far Circuits and the boards have been corrected and updated from the first version that did contain a few errors.

Also, if you're interested in PIC microcontroller programming and their application to Ham Radio don't forget about the Ham-Pic Email List.

To subscribe send a message to majordomo@qth.net and in the body of the message type:

subscribe Ham-Pic

leave the rest of the message and the subject line blank.

73 de KA0GKC Claton Cadmus

cla@mcg.net

MNQRP #1

Minnesota QRP'ers we're looking for you!

Email me or visit this page <http://www.qsl.net/mnqrp>

Date: Wed, 27 Jan 1999 08:51:39 -0800

From: Dave Barrett <DBarrett@creo.com>

To: "'QRP-L'" <qrp-l@Lehigh.EDU>, Dave Barrett <DBarrett@creo.com>

Subject: [31090] Homebrew Test Equipment

Message-ID: <CE0A40BFE0CDD111A2B800A0C99B83EB94CAEC@msgcreo2.creo.bc.ca>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Hi All

There were a series of articles in Electronics Now (I think) some years back which detailed a Spectrum Analyzer which was good up to 800Mhz and was built around a TV tuner module out of a VCR. The unit is computer controlled and once the ranges are set via your friendly desktop PC (even old XT's work) it will run on its own. I built this unit and it works beautifully, sporting a display which looks deceptively like an expensive HP model. There was a follow-up article which detailed a Sweep / Tracking Generator good up to (I think 2.4 Gig's) I did start this project but as yet it is unfinished. Most parts are mounted on pcb but just never got it done :-). (Too many other good things going on like building a Recumbent bike) Unfortunately due to damaged braincells from activities undertaken during the sixties :-). I can't remember who did the original articles but if anyone wants/needs this info please email me direct and I'll look it out.

Dave VE7PCC (Homebrew Recumbenteer) Vancouver BC Canada

Date: Wed, 27 Jan 1999 08:53:37 -0800 (PST)

From: "Allan G. Taylor" <ataylor@heracles.llnl.gov>

To: qrp-l@lehigh.edu

Subject: [31091] FOX: First ever FOX

Message-ID: <199901271653.IAA19670@heracles.llnl.gov>

Thanks to N0UR for my first-ever FOX pelt. I am completely amazed that he heard me in that raging din of peanut-whistles. I just pretended he was a ZL9 and nabbed him anyway ...

Rig: OmniVI+ at 5W, HyGain DX77 trap 1/2 wave vertical. CMOS SuperKeyer III and HamKey iambic paddle!

K7GT Pleasanton CA QRPL 1016

Date: Wed, 27 Jan 1999 11:55:56 EST
From: Ed Loranger <we6w@juno.com>
To: ac5ez@webtv.net
Cc: qrp-1@Lehigh.EDU
Subject: [31092] Re: start somewhere
Message-ID: <19990127.085641.4775.1.we6w@juno.com>

I agree with Larry/AC5EZ. If someone wants to learn the code, the tapes are nice, the computer programs are nice, but let me tell you, all the training aids in the world can be made available, but the newbie must actually practice and learn.

This drive from WITHIN is the strongest force. Heck, we got those cheap little 49 MHz 400 mW walkie talkies and sent eachother morse code. Heck, the key was plated steel and the code was embossed on the plastic case of the radio.

We sent all kinds of messages across the street and back. We got good at the code REAL FAST. Messages went faster, we didn't need to look up characters very often. We quit sending the famous SOS when the lion-cat came near our fort. We could send HELP LION coming. Meet me at corner. etc. AT 12 yrs and younger and even older, it was the greatest incentive to learn the code, the voice system on those was all distorted, but the code was reliable.

And you start right off thinking and sending.

Fostering this internal drive in an individual is difficult. That requires SUPPORT, confidence building exercises, and a carefully planned schedule so they don't get overwhelmed.

Others do have this internal drive and succeed without much elmering and structure. And still other people won't play a board game until they find someone who already knows the

rules, Not willing to read the rules themselves, and becoming irate if they have to wait while YOU read them.

Been there, done that, wear glasses now :)

Imagine how hard that first morse code operator had to work to learn the code. Who taught him? QSO? With whom? Teaching aids, Where?

If you are hungry, you will eat. Even if you have no stove, no flatware, no plates, no milk and cereal, no bread. You will hunt.

You can send code with the button of a flashlight if you must. A wire, buzzer and battery.

Now line up all them barriers, excuses etc, and eliminate them with effort.

72, Ed WE6W, AR Millennium QSO's=214/2000

<http://www.qsl.net/we6w> Radio, everyday in Santa Rosa, CA

QRP-L#1068 AR#112 QRP-Z#106 ARCI:9397 Norcal#2227 QAA#006

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 27 Jan 1999 10:12:16 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-l@Lehigh.EDU
Subject: [31093] FYBO: MN QRP Society's Multi-Op Challenge!
Message-ID: <199901271712.KAA15799@usr06.primenet.com>

Howdy Folks,

After sending out the Shameless, Fabulous FYBO Prize List yesterday, I received email from MN QRPer (and Elusive Furry One) Jim N0UR. I'll pass it along to all of you:

"I think I read you had a prize list for FYBO. Well the MN QRP Society, (ok, me) would like to challenge any other multi op group. If you beat us I will send everyone in that group a Minneasota delicacy...a can of Cream of Mushroom Soup. I'll even throw in a few good "hotdish" recipes. This should generate some excitement."

:~) So there you have it! Let the Cream of Mushroom chase begin! Remember, only Multi-Op stations are eligible. In the event that Jim is overwhelmed, the AZ ScQRPions will offer to kick in some microwaveable pork rinds to fill in any gaps. ;~)

(Jim - Thanks for the Fox Pelt last night. Sounded like you were really tearing up the airwaves!)

10 days to go! Charge up those batteries and don't forget the thermometers!

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"If it ain't fun, you ain't doin' it right!" -The AZ ScQRPions

FYBO Winter QRP Field Day - Feb 6th - See <www.extremezone.com/~ki7mn>

Date: Wed, 27 Jan 1999 11:22:33 -0600
From: Bob Reynolds <breynold@sigg.com>
To: qrp-l@Lehigh.EDU, WW7Y@sisna.com
Subject: [31094] History of QRP by Ade Weiss -Reply
Message-ID: <99Jan27.111844cst.26946@firewall.sigg.com>
Mime-Version: 1.0
Content-Type: text/plain
Content-Disposition: inline

Hi Gang

>From experience, you have to read "History of QRP" at least twice. The first to find the facts, the second to start to understand all the developement involved in QRP, both equipment and "the man behind the key": It also helps, for those of you who have not done so, build a regen receiver, hook it to an antenna that swings in the breeze and work somebody. Do this between the first reading and the second.

I have read this book about 5 or 6 times, and I still find more connected information each time.

73, Red K5VOL

Date: Wed, 27 Jan 1999 17:26:32 +0000
From: "Caitlyn M. Martin" <cait.martin@ibm.net>
To: vhf@w6yx.stanford.edu, qrp-1@Lehigh.EDU, thp@onelist.com
Subject: [31095] SOLD: Tokyo HyPower HX-240 transverter
Message-ID: <36AF4C48.2F9D15FE@ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi, everyone,

The transverter has been sold. Thank you to everyone who inquired.

73,
Caity
KU4QD

Date: Wed, 27 Jan 1999 11:26:47 -0600
From: Nathan Odle <nodle01@mail.coin.missouri.edu>
To: qrp-1@lehigh.edu
Subject: [31096] How about this reply?! (Kit Discounts)
Message-ID: <36AF4C57.6E26E481@mail.coin.missouri.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Got this reply from Ten-Tec regarding the message I sent the kit vendors. Shows it's not THAT bad of an idea.

73,
Nathan
KB0NNV

> Hi Nathan:
>

> I'm always willing to consider ideas like this. Here's a question
> for you to consider: do you find much interest in QRP and CW in
> from newly upgraded hams? I ask because in general I find our
> customer base for QRP CW rigs is one of two categories: a) the "core"
> QRP interest group (like QRP-L listserv subscribers) and b) hams
> that are not core QRP interest that want the challenge of building
> something inexpensive and useful (like a \$95 QRP radio). The "b"
> group I find are rarely newcomers to the hobby; they're "non-QRPer"
> who cut their teeth on Heathkit and see us as the modern progression
> from them.

>

> The tough part may be hidden in what I typed above: How to reach
> newcomers in the hobby cost-effectively to make them aware that
> such a discount would be available? Or how to overcome fear that
> new hams have about building kits (or anything)? Don't underestimate
> that consideration; I think one of the main mental blocks with newer
> hams and technical ability is the fear of inability to complete
> a project. I spend a lot of time with potential customers of ours
> trying to help them assess for themselves whether they have the
> potential to successfully build a given kit. We're careful also
> not to try to convince someone to try building something that may
> be beyond their ability; a frustrated kit builder is not a repeat
> customer.

>

> Which, you may argue, would be the prime reason FOR getting them
> involved in kit building - so they can acquire the confidence and
> ability to complete "easier" projects, move on to something more
> complicated and acquire some practical knowledge to boot.
> I can't help but agree with that one because a confident, successful
> kit builder is going to buy more kits from Ten-Tec!

>

> All that being said, it's an intriguing proposal. It has two
> winning elements to it: getting "new HFers" deeper into the hobby
> and building brand recognition for equipment. I like both of those.

>

> I'll be interested to see what other response you get. Feel free to
> forward me anything on the topic to <sales@tentec.com>. Feel free
> to pass this message along to QRP-L as well. Can I throw a plug/
> teaser in here too? We're planning more additions to the kit line
> for QRP specific equipment for the springtime. Come by booths
> 548-551 at Dayton in May and see "what's new for 1999."

>

> Sincere 73,
> Scott Robbins, W4PA
> Amateur Radio Product Manager, Ten-Tec

>

Date: Wed, 27 Jan 1999 12:30:54 EST
From: WD6BOR@aol.com
To: ki6ds@dpo1.k12.ca.us, qrp-1@Lehigh.EDU
Subject: [31097] "Re: NorCal 20 Ships" Thank you!
Message-ID: <a6bd29d8.36af4d4e@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

I know that some of the members of this list grit their teeth when they see an adoring "zombie" posting, but I want to say "Thank you!" to Doug, Jim, Dave and all the many others who brought this kit to life. Amateur radio changed from an "interest" to "my most enjoyable hobby" because of the work and dedication of Doug Hendricks, Jim Cates and all the countless other QRPers who have dedicated so much time, creative effort and good will to others.

Thanks again! (We can't say that too often.)

Another Faithful Zombie,

Darrel, WD6BOR

Date: Wed, 27 Jan 1999 10:37:54 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-1@Lehigh.EDU
Subject: [31098] FYBO: NorCal donates Xcvr kit for Prize List
Message-ID: <199901271737.KAA17839@usr06.primenet.com>

Howdy again folks,

Yesterday, Doug (KI6DS) informed us ScQRPions that NorCal is donating a NorCal-20 Xcvr kit to the FYBO Prize List. (Many thanks to Doug and the rest of the NorCal crew!)

The NorCal-20 kit will be raffled off from the FYBO logs of *QRP-L members*. The Contest Manager (yours truly) is ineligible, of course. (DOH!) But all the rest of you QRP-L critters have an equal chance of taking it home.

'Cuz during FYBO, every critter wins! :)

Wonder if it's too late for me to resign.... *8-)

Complete, updated list to follow soon. Have to go finish building my 15m Sierra module.

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"If it ain't fun, you ain't doin' it right!" -The AZ ScQRPions

FYBO Winter QRP Field Day - Feb 6th - See <www.extremezone.com/~ki7mn>

Date: Wed, 27 Jan 1999 10:47:38 MST
From: "Jerry McCollom W0MC" <w0mc@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [31099] 10-turn potentiometer group buy update
Message-ID: <19990127174743.4482.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain

Hi Folks,

Just a quick update on the potentiometer group buy.

The first batch of potentiometers arrived yesterday and I got them boxed up last night and in the mail this morning. Those from whom I received payment on or before January 21st should receive their pots in a few days.

The order for the final amount was finalized with the supplier on Friday, so I can't take any new orders. BUT, if I can squeeze another 10 or so out of the supplier at our price, I'll let everyone know what's leftover.

Finally, it looks like the final quantity of potentiometers for this buy will be here in about 2-3 weeks. I'll drop everyone an e-mail when that order arrives and is ready for me to distribute. In the meantime, if you haven't already, be sure to drop you payment in the mail so I can get them out as soon as they show up on my porch!

Thanks & 72,

de Jerry W0MC QTH Fort Collins, CO
w0mc@hotmail.com QRP-L #800

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Wed, 27 Jan 1999 13:11:07 -0500
From: Tom Palmer <n1tp@worldnet.att.net>
To: prvalko@oakland.edu
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [31100] Re: FOX: ALERT! FOX date swap
Message-ID: <36AF56BA.C78E0C1C@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Does this mean that KU7Y will be the FOX on
2/19 and VE7CQK will be the FOX on 2/24?

Tom, N1TP, Naples, Florida.

"Paul R. Valko" wrote:

> Please be aware of the following fox change:
>
> Paul VE7CQK has swapped dates with Ron KU7Y.
>
> > I have arranged to swap with Ron because of a change in my
> > work schedule.
>
> GMT FOX FOX START GMT FOX FOX START
> WEEK DATE OP QTH TIME(Z) DATE OP QTH TIME(Z)
>
> 20 2/17 K0EVZ ND 0200 2/19 VE7CQK BC 0100
> 21 2/24 KU7Y NV 0100 2/26 N1FN CO 0300
>
> cheers, Paul VE7CQK/email: paule@sfu.ca
>
> 73! =paul= W8KC
> Collector of Ten*Tecs and other fine plastics
> <<http://www.acs.oakland.edu/~prvalko>>

Date: Wed, 27 Jan 1999 14:31:58 -0500 (EST)
From: Chris Cartwright <ccart@dns.vidtel.com>
To: QRP Reflector <qrp-1@lehigh.edu>
Subject: [31101] Free radios, learnin' code, having fun...

Message-ID: <Pine.LNX.3.93.990127130110.810A-1000000@dns.vidtel.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 27 Jan 1999, Richard Brummer wrote:

> hobby in which to get started, or think that you still have to "learn the
> code." If they only knew that some of these conceptions are not true,

That's how it got me:) I had a burning interest in Ham Radio in high school (the 70's) and never did it because of "the code thing". I never heard code, or used it, but I just *knew* it was hard and didn't want to do it. We even had an instructor that would pack everyone, who was interested, in his van and take them to the FCC for testing. In 1996 I found out about no-code, jumped in, got my tech ticket and was going to be happy playing with microwaves forever.

Three years later I'm busting my hump to get from Advanced to Extra before they make it too easy and I feel cheated:) I operate almost exclusively CW and have never been on anything over 440Mhz (although I'm still gonna play with them itty-bitty waves someday).

Wasn't that how it was all supposed to work when they introduced no-code? Get them in, give 'em a taste, and they'll upgrade? A few of us still do. The big difference is, I wanted it, I worked for it. My ticket wasn't handed to me, and I'm certainly not going to do something stupid and lose it. It has value to me. Sure, I had people (largely this group) prod, nudge, and elmer me to upgrade, but I wanted "it". Just make a kid/YL/OM want it and they'll do the work. As for kits vs. kilobucks, well I've got both, and I gotta tell ya, my HW-9 is as more fun than the "real" radios. And my OHR still sees more use than the ricebox.

Just show "ham radio" to people, if they're interested, then elmer. Those that want it *will* get there... I've got a suburban covered with antenna's, I need a bumper sticker that says, "ask me about ham radio". I had people ask, do people still do ham radio? When they hear CW from my truck, it's always the same question, "what are they saying?"

Code-is-Cool!

72

-- Chris Cartwright, Technical Engineer | ccart@vidtel.com --
-- N3XRV ARRL-VE Norcal Zombie #163 | Gaithersburg, MD FM19je --
-- MDmW #5 NJ-QRP #105 QRP-L #655 NORCAL #1891 FISTS #5028 QRP-ARCI #9271 --

Date: Wed, 27 Jan 1999 13:36:35 -0500 (EST)
From: malman@world.std.com (joel malman)
To: qrp-1@Lehigh.EDU
Cc: k1qm@world.std.com
Subject: [31102] Free (almost) 30m kit
Message-ID: <199901271836.AA11006@world.std.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

This is NOT spam and NO joke.

You can win a QRP kit for \$1.00, plus postage !

Background

=====

I have an extra, factory fresh, 38 Special kit that I will sell for \$1.00 if you meet the requirments outlined below. The kit is a board based 30 meter QRP kit will all parts, and instructions as sold by the Northern California QRP Club. The kit is (c) 1997 by NorCal. The rig was designed by Ori Mizrahi-Shalom, AC6AN.

Requirments

=====

1. You must be a US ham.
2. You must have a QRP-L number.
3. If you win, you will have to pay \$1.00 plus \$3.20 postage.
4. You must be able to PROVE that you upgraded from Novice, Tech or Tech Plus to General, Advanced or Extra Class during the month of January 1999. (The last weekend of January just about here!).

Method

=====

1. Send ME (not the list) an e-mail with your name, e-mail address, call and QRP-L number. I must receive your e-mail by Feb 4, 1999.
2. Wait.... On Friday, February 5, 1999 I will announce the winner.
3. The winner will be selected by random drawing from the list of QRP-L numbers submitted. Decision of the judges is final.

Fine Print

=====

The winner will have to send me the following to obtain the prize:

1. A Xerox of your new FCC ticket or CSCE (as issued by a VEC). The

- CSCE must have the correct FCC elements circled for the upgrade and must be signed by the correct number of VE's.
2. A check for a total of \$4.20 (which is \$1.00 for the kit and \$3.20 for US Priority postage).
 3. A shipping label with the address where you want the kit shipped (example: home, work, friends house).
 4. The winner has one week to supply me these items. If I don't get your letter by February 12, the next person on the winner list will be announced.
 5. Failure to meet the requirements as outlined above will disqualify you.

You submit your message to either:

malman@world.std.com
k1qm@world.std.com

--

/joel K1QM (Ex-wa1qvm) Concord, Massachusetts
QRP-L 337, QRP-ARCI 9305, MI-QRP 1641, NorCal #1884

Date: Wed, 27 Jan 1999 18:45:41 -0000
From: "Mel Evans" <MelGM6JAG@bccscotland.freemove.co.uk>
To: "Dennis Payton" <dpayton@fwi.com>
Cc: <qrp-l@lehigh.edu>
Subject: [31103] Re: Comments on building the MB4 receiver (SPRAT 97)
Message-ID: <000101be4a26\$cd47ccc0\$cc36883e@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Denny,

Paxolin was/is a brown coloured rather brittle insulating material, man-made, pre-nylon and teflon era. Was a plastic of sorts, cut using a fine hacksaw (metal) type blade, lots of very fine dust, probably not very good for the lungs if you were doing lots.

We still use it occasionally for high voltage work (I work for the local branch of ScottishPower , the national electricity utility) because it comes up to about 1 in thick.

No doubt someone on the list can translate what paxolin was in the US. Truly two countries separated by the same language (VBG) 8>}

Regards

Mel

GM6JAG

-----Original Message-----

From: Dennis Payton <dpayton@fwi.com>

To: Mel Evans <MelGM6JAG@bccscotland.freemove.co.uk>

Date: Wednesday, January 27, 1999 3:11 AM

Subject: Re: Comments on building the MB4 receiver (SPRAT 97)

>Hi Mel,

>

>Thanks alot for the information. My only problem now is to find out what
>paxolin is! :-) Hopefully it'll be in the dictionary. I received several
>explanations but you're the only one who actually knew what it was.

>

>Thanks again & 72,

>

>Denny N9JXY

>

>

Date: Wed, 27 Jan 1999 10:59:42 -0800 (PST)

From: Ron Stark <ku7y@dri.edu>

To: Tom Palmer <n1tp@worldnet.att.net>

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [31104] Re: FOX: ALERT! FOX date swap

Message-ID: <Pine.SOL.3.96.990127105549.4611A-100000@vortex.dri.edu>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 27 Jan 1999, Tom Palmer wrote:

> Does this mean that KU7Y will be the FOX on

> 2/19 and VE7CQK will be the FOX on 2/24?

Yes.

Paul had to change his date so we just switched. Both are
still on for 0100z.

My turn on the 19th (18th local) will be a good warm up
for the ARRL DX test the next day! :-) (Or the next
weekend, however you want to figure it!)

Be there or Be square!

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Wed, 27 Jan 1999 15:20:17 -0500 (EST)
From: Chris Cartwright <ccart@dns.vidtel.com>
To: QRP Reflector <qrp-l@lehigh.edu>
Subject: [31105] Re: Comments on building the MB4 receiver (SPRAT 97)
Message-ID: <Pine.LNX.3.93.990127151741.810D-100000@dns.vidtel.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 27 Jan 1999, Mel Evans wrote:

> Paxolin was/is a brown coloured rather brittle insulating material,
> No doubt someone on the list can translate what paxolin was in the US.

I think we'd call it, bakelite or phenolic board, I know the strips you
are talking about and that is what I remember calling the insulator part.
I could be all wrong though... :)

-- Chris Cartwright, Technical Engineer | ccart@vidtel.com --
-- N3XRV ARRL-VE Norcal Zombie #163 | Gaithersburg, MD FM19je --
-- MDmW #5 NJ-QRP #105 QRP-L #655 NORCAL #1891 FISTS #5028 QRP-ARCI #9271 --

Date: Wed, 27 Jan 1999 13:29:29 -0600
From: Jeff Johns <jeffj@scott.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [31106] Re: Comments on building the MB4 receiver (SPRAT 97)
Message-ID: <199901271929.NAA12894x@scott.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

On Wed, 27 Jan 1999 18:45:41 -0000, "Mel Evans"
<MelGM6JAG@bccscotland.freemove.co.uk> wrote:

> Paxolin was/is a brown coloured rather brittle insulating material,
> man-made, pre-nylon and teflon era. Was a plastic of sorts, cut using a fine
> hacksaw (metal) type blade, lots of very fine dust, probably not very good
> for the lungs if you were doing lots.

Was it a phenolic or micarta material?

73 Jeff

```
*----- Jeff Johns W4JEF - AMSAT# 32615 -----*  
|jeffj@scott.net w4jef@amsat.org | Reserve Patrol Captain |  
| Satellite: Mir R0MIR-1, AO-27 | Jefferson County Sheriff's Dept|  
|200LX+BayPac+FT50=Portable Packet| QTH Birmingham, AL USA |  
*-----*
```

Date: Wed, 27 Jan 1999 12:32:18 -0700
From: Bruce Kizerian <kizerian@ced.utah.edu>
To: qrp-1@Lehigh.EDU
Subject: [31107] Boy Scout JOTA and QRP
Message-ID: <36AF69C2.D395CC89@ced.utah.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello,

For those of you not familiar, JOTA (Jamboree on the Air) is a nationwide (worldwide?) event held the third weekend of every November. Many local ham clubs set up stations and classes at camp out sites. The object is to stir up interest among Boy Scouts for radio in general and ham radio in particular. It is very popular here in Utah with hundreds of young participants. Most earn their radio merit badge, and everyone gets a healthy exposure to amateur radio. The sites are given an event call sign and are manned by volunteers. The DCARC (Davis County Amateur Radio Club), under the very capable KC7IHZ, sets up a successful site every year. I have only had my license since late September. My first contact as a new ham was with N7N where I talked to several aspiring

hams. When one asked how many contacts I had made, imagine his surprise when he learned that he was my first contact, ever! From that day I have been on a crusade to stir up interest among young people for our hobby.

This year KD7CTU and I will be running a QRP station at the event. There is a lot we want to do by then, so we are planning ahead. We plan to have a couple of QRP kits built by then and some other homemade stuff, perhaps, to show and use. We intend to work 40m at night and 20m in the day, both CW. I would also like to work some 10m SSB. We decided on a QRP station to show the fun and low cost of homebrewing.

Does anyone know of a kit or an article, etc. for a 10m QRP SSB rig. My first thought was Small Wonder Labs, but Dave Benson tells me he is not likely to have such a rig for about a year. Is there anything else out there? Your help would be greatly appreciated.

It would be very fine to have QRP enthusiasts work those bands during the event to increase our chances of making some contacts for the boys. What say?

Thanks

Bruce Kizerian KK7ZZ

Date: Wed, 27 Jan 1999 13:39:21 -0600
From: Rick Morrison <RickM@firstlogic.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [31108] RE: Power station
Message-ID: <8E337964A712D2119ADE006097C9899D94D027@exchange-lax1>
MIME-Version: 1.0
Content-Type: text/plain

For those that are interested, here is a summary of replies to my request for information on 12 volt, sealed-lead-acid battery packs, aka "power stations".

There seem to be many models of generic "12V/ plastic-case/cig lighter adapter/wall-wart charger" units available. I found them at Walmart, Sam's Club and K-Mart. All in the \$70-80 range. All weighing approximately 18 lbs. The target market seems to be portable car-starters as well as running 12 volt car accessories.

There are also units maybe more appropriate for QRP rig operating that use a 12V, 7A sealed-lead-acid battery. They weigh in at 7-8 lbs and have a coax jack for 3-6-9 volt accessories as well as a 12V cig lighter adapter. Maybe

not for backpacking but much lighter than the portable car-starter models, although with less amps.

The Ham Contact sells one of the 12V, 7A battery packs for \$50 + shipping. They also have a few more models per ad in QST. I had a couple comments that the Ham Contact is a reputable dealer with a good product. TechAmerica sells a similar unit.

Thanks for the help.

Rick Morrison, KB9TKG

> -----
> From: Rick Morrison
> Sent: Thursday, January 21, 1999 2:46 PM
> To: 'qrp-1@lehigh.edu'
> Subject: Power station
>
> Has anyone used one of the battery packs (termed a power station) marketed
> by The Ham Contact? I think the mid-priced one (12v, 7a sealed lead acid
> battery) is the Premier/Pryme SB-752 Portable Power Station.
>
> Any comments on battery packs for portable operation in general or on this
> product? Any similar products available that I should look at?
>
> Thanks, Rick KB9TKG
>

Date: Wed, 27 Jan 1999 11:48:35 -0800
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <qrp-1@lehigh.edu>
Subject: [31109] Kits for New Hams, my thoughts
Message-ID: <01be4a2e\$0723f2a0\$630a0d0a@doug.dpol.k12.ca.us>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Group, I have been reading with a lot of interest the thread on rigs for new hams. My suggestion is that it be handled at the local level. Why not take a look at the club treasury, and see if it can handle say five of the SW+ rigs. You can use the information in QRPp Elmer 101 issue for building a case or look at Bill Jones, KD7S web page, and pick up the controls and connectors out of almost any junk box, or hey, ask at the meeting. I'll almost bet that someone has what you need. Even if you order from Mouser,

you should be able to get what you need for less than \$10 per kit. Next, when the kits arrive I see two ways to go with a newbie. First choice is to have the Elmer and the newbie build the kit together, using the Elmer 101 QRPp issue (available from Paul Harden, NA5N, at na5n@rt66.com as a stand alone book). Or, a guy in the club who likes to build can build the kits and have them ready. The next step is to get the newbie on the air. Have a "kit ready" This will include a simple 40 meter dipole, key, everything needed to get the station on the air. Then, and this is the critical step, have the Elmer go over to the newbie's house and help him make that first qso. I would think that you would want to set up some type of timetable, say 3 to 6 months, and at the end of that time, the newbie could (a) buy the rig, or (b) return it for the next guy. If he buys the rig, you simply buy another kit, and start the process all over again.

The argument for doing it locally is enhanced by the personal contact, the simplicity of record keeping, etc. I think the idea would be to start small, say 5 rigs, depending on the size of your club. If you have more than 5 interested parties, have them draw names or whatever. But, this is a golden opportunity for those of you who are in "regular" ham clubs to help newbies, and to encourage more people to operate QRP.

Yes, NorCal did figure out how to get 500 kits to 3rd world hams (we are in the process now) but you don't want to know the hours involved in that one. Much easier to do it on a local basis, especially for new hams in the US.

I am very interested in feedback from clubs who do this in some form or another. Thanks for the time and the bandwidth.

I also want to comment on learning the code and the CD. I suggest that it be produced with 20 WPM characters and 5 WPM spacing. The purpose of the fast character speed is so that you don't have to relearn the "sound" when you want to increase your speed. I disagree with Mr. Muscolino, code should be learned at a fast character speed. Maybe Chuck, Dave Yarnes, Dub Thornton and other high speed guys would like to comment on this. 72, Doug, KI6DS

Date: Wed, 27 Jan 1999 13:44:09 -0600
From: Jeff Johns <jeffj@scott.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [31110] Re: Comments on building the MB4 receiver (SPRAT 97)
Message-ID: <199901271944.NAA16618x@scott.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

On Wed, 27 Jan 1999 15:20:17 -0500 (EST), Chris Cartwright <ccart@dns.vidtel.com> wrote:

> I think we'd call it, bakelite or phenolic board, I know the strips you
> are talking about and that is what I remember calling the insulator part.
> I could be all wrong though... :)

If it turns out that it is phenolic/micarta, if the gentleman will let me know what size he needs, I might be able to hook him up with a freebie piece.

73 Jeff W4JEF

```
*----- Jeff Johns W4JEF - AMSAT# 32615 -----*
|jeffj@scott.net w4jef@amsat.org | Reserve Patrol Captain |
| Satellite: Mir R0MIR-1, AO-27 | Jefferson County Sheriff's Dept|
|200LX+BayPac+FT50=Portable Packet| QTH Birmingham, AL USA |
*-----*
```

Date: Wed, 27 Jan 1999 12:00:31 -0800
From: william h ross <k6mgo@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [31111] Fw: "Re: NorCal 20 Ships" Thank you!
Message-ID: <19990127.120213.-84739.0.k6mgo@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I'll second that.

72/Zut

Bill, K6MGO QRP-L #1532, Marina Del Rey, Ca

I know that some of the members of this list grit their teeth when they see an adoring "zombie" posting, but I want to say "Thank you!" to Doug, Jim, Dave and all the many others who brought this kit to life. Amateur radio changed from an "interest" to "my most enjoyable hobby" because of the work and dedication of Doug Hendricks, Jim Cates and all the countless other QRPers who have dedicated so much time, creative effort and good will to others.

Thanks again! (We can't say that too often.)

Another Faithful Zombie,

Darrel, WD6BOR

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or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 27 Jan 1999 15:01:35 -0800
From: ke3fl@juno.com
To: qrp-l@lehigh.edu
Subject: [31112] MFJ-9040 power too low
Message-ID: <19990127.150136.11470.7.ke3fl@juno.com>

My MFJ-9040 maxes out at around 3.5 watts, it never reaches
the point where the power starts to decrease. Any ideas on
how to get the 4.5 watts output?

Now that i'm looking for work again, I have some free time to
actually fix some stuff around the house :)

tnx
72 & 73 de KE3FL
Phil K

e-mail: ke3fl@juno.com
Web: <http://www.qsl.net/ke3fl>

Anyone can buy a radio, an antenna, microphone, plug it in the
wall and talk, but a real ham can take two pieces of wire and
beat them together, and send a message when the going gets
tough.

Talk is cheap, real hams beep.

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or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 27 Jan 1999 15:03:21 -0500
From: "Edward A Kwik jr" <eakwikjr@hti.com>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [31113] WTB NC20
Message-ID: <36AF7108.D5B998F8@hti.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I posted this last week. I did not get one reply. So I you have a NC20 coming to you and you do not think your going to do anything with it, let me know. My kit queue is empty and I do not have any QRP rigs for 20 meters and would like at least one.

TIA

Ed Kwik AB8DF Waterford, MI

Date: Wed, 27 Jan 1999 15:27:12 -0500 (EST)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: Tom Palmer <n1tp@worldnet.att.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [31114] Re: FOX: ALERT! FOX date swap
Message-ID: <Pine.OSF.3.95.990127152642.10559A-1000000@vela.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Yeah... I think so :-)

Paul sent me t current schedule!

On Wed, 27 Jan 1999, Tom Palmer wrote:

> Does this mean that KU7Y will be the FOX on
> 2/19 and VE7CQK will be the FOX on 2/24?
>
> Tom, N1TP, Naples, Florida.
>
> "Paul R. Valko" wrote:
>
> > Please be aware of the following fox change:
> >
> > Paul VE7CQK has swapped dates with Ron KU7Y.
> >

> > > I have arranged to swap with Ron because of a change in my
> > > work schedule.
> > GMT FOX FOX START GMT FOX FOX START
> > WEEK DATE OP QTH TIME(Z) DATE OP QTH TIME(Z)
> >
> > 20 2/17 K0EVZ ND 0200 2/19 VE7CQK BC 0100
> > 21 2/24 KU7Y NV 0100 2/26 N1FN CO 0300
> >
> > cheers, Paul VE7CQK/email: paul@sfu.ca
> >
> > 73! =paul= W8KC
> > Collector of Ten*Tecs and other fine plastics
> > <<http://www.acs.oakland.edu/~prvalko>>
>
>

Date: Wed, 27 Jan 1999 12:30:24 -0800
From: W7LS <w7ls@blarg.net>
To: qrp-1@lehigh.edu
Subject: [31115] 80 meter resonator parts
Message-ID: <36AF7760.4E6B@blarg.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi. Here is the part number for the 80 meter resonator that allows the
SmiTe and Pixie, amongst other rockbound rigs, to wander all over the
band. It is a Murata ceramic resonator. Their part number is the
same as Active Electronics part number CST4.00MGW. Active's phone number
is 425-881-8191. The Active bag number is 68147. There are 3 to a bag and
a bag is a couple of bucks or so.

This resonator also has a couple of 30 pF caps inside, to
facilitate oscillator designs. It has 3 leads. Chop off the middle lead
and use the two outer leads, which are conveniently the same as a
standard crystal spacing.

I don't work for Active, BTW. It is one of many sources for this
resonator. You can probably find it several other places, such as Digikey
and Mouser. Active is in my neighborhood. They have 9 bags on the shelf,
right now.

73 de Jim, W7LS

Date: Wed, 27 Jan 1999 14:33:16 -0600

From: "Robert B. Callahan" <rbcallahan@juno.com>
To: Qrp-L@lehigh.edu
Subject: [31116] For Sale:
Message-ID: <19990127.143317.3702.0.RBCallahan@juno.com>

For Sale: OHR 100A in excellent shape. Asking \$95.00 or send/have sent to me 3 Wilderness Radio Sierra Band modules. I built the OHR in November and then got a Sierra for Christmas. Don't want both so the OHR is for sale. It works like a champ. I work in the electronics field and would say that the kit is well built. If interested drop me a line at: rbcallahan@Juno.com
I will even meet you on the air with it!
Thanks,

Bob Callahan KC5T #1795

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or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 27 Jan 1999 15:54:03 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: ki6ds@dpol.k12.ca.us
Cc: QRP-L@LEHIGH.EDU
Subject: [31117] Re: Kits for New Hams, my thoughts
Message-ID: <36AF7CEB.4F3E@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

> I also want to comment on learning the code and the CD. I suggest that it
> be produced with 20 WPM characters and 5 WPM spacing. The purpose of the
> fast character speed is so that you don't have to relearn the "sound" when
> you want to increase your speed. I disagree with Mr. Muscolino, code should
> be learned at a fast character speed.

>

HUH? You say learn it at a high character speed. I say learn it at a high character speed provided you have the technology to do it. Where is the disconnect?

Date: Wed, 27 Jan 1999 13:11:47 -0800
From: "William Phinizy" <k6whp@gte.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [31118] FS: Ten Tec XVerter Kits..
Message-ID: <000a01be4a39\$a72ba800\$c654fcd0@k6whp>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Santa was very good to me this Christmas and I got two Ten Tec Transverter kits. I came to the realization that i won't get around to building them any time soom, so I wanted to offer them for sale. Note that they are unbuilt *kits* so you don't have to put up with my crappy cold solder joints:

Ten Tec #1208 6-meter to 20-meter Transverter - \$85 + s&h
Ten Tec #1210 2-meter to 10-meter Transverter - \$125 + s&h

I'll sell both for \$200 + s&h (I'm in Southern California).

Thanks for listening..

Date: Wed, 27 Jan 99 15:22:35 -0500
From: Chuck Adams <adams@ticnet.com>
To: qrp <qrp-l@lehigh.edu>
Subject: [31119] Mentoring and CW speed
Message-ID: <E105cMu-00071q-00@smtp.ticnet.com>

Doug and the group are correct,

1. Yes, there is a decline in the number of hams. No biggie unless your income depends upon numbers. There is an obvious reason in this trend. Lack of interest. Here are some of my suggestions and some have been echoed by others previously:
 - o YOU need to bring one new ham into the fold and YOU alone can do this. When was the last time you taught someone the code, how to use a soldering iron, how to use Ohm's law, etc. ? No need to post to the group.
 - o get with a local club or start one and be leader for QRP, but

don't forget that some of the group started QRO and may still do QRO. A QSO is a QSO!!!

- o Use the ARRL code course. The characters are at 18wpm and anyone that sends/receives individual characters at a slower speed is hindering themselves and others. IMHO. This in response to the post by Doug on code speed for learning. I have a series on the web page about this stuff.
- o Yes, on the air QSOs help build speed but only when the other station has a good fist and signal and doesn't set you back with their bad habits. Listened to the bands lately?

This group can post until it is blue in the face and we will hear every solution known to mankind, but without individuals doing what they do best it will not get us too far just discussing it. There are a large number of people on this list and others that were QRT at one time and came back due to interest. We have to get the licensed hams that are inactive to perk back up and get interested again also. It is just like any other organization, you gotta send out reminders that meetings are still going on.

It takes time, some money in some cases, enthusiasm on the part of one or more individuals, and remember every journey begins with a single step..... Also, do me a favor. If you walk into a room full of eager students..... please get a haircut and dress for the occasion. Think about this one a long time gang. You know what I mean..... :-) It may be OK to do T-shirts etc. at swapmeets but look at the overall image. The same thing happened in the computer industry when in the early days Bill Gates, Steve Jobs, and others showed up at the San Francisco Convention Center for the big show with the rest of the dweebs. :-) Only when IBM showed up in suits and big money did the microcomputer industry take off and get a better image. IMHO. We don't have an IBM to show up for the QRP people, we are on our own.

I'm not being critical here gang, it is just that I see both sides of the fence. When we all get the same color T-shirt, etc. we do it for a reason. But we need to be looking at the big picture. Does this make everyone want one? If you were a camera crew from the local TV station, what would you put on the air to get interest locally? Who gets the 15 minutes of glory and fame?

But still the only way things like the NC20 get done is one or more people start it and keep at it. It all takes time and in the case of the NC20 a lot of that, hard work, long drives between parts places-homes-etc., time at the computer, time at the workbench, time with a spectrum analyzer/scope/DVM/freq-counter/...., sitting in the floor or at a table or a room full of bins and stuffing bags and counting, trips to the post office by Jim Cates, and just too

many other things to even think about.... I'm tired just sitting here thinking about the work involved. :-)

The next round of soda pop is on me at Pacificon/Tuthill/.... for the NC20 gang. A good job and I've got my eyes glued to the mailbox as we speak. Christmas in January.....

The K1MG vs. K5FO painting contest is already in full swing. All those of you that can, send Mike ideas on what to do. He is gonna need all the help he can get. :-) ;-) I signed up for an Art class just to get additional help..... ;-) See the results at Pacificon in October!!! Put the 20oz bottle of Diet Coca-Cola on ice Mike. :-) Oh, this in response to some private email on the NC20 and just how one would paint it, green primer or not.....

For the general problem of money, time, and getting new and old people going there is no one or simple solution. If it was easy, everyone would be doing it. Just pick a path and take it. You either take the right one or the wrong one. Life is like that I find.

FYI

--

Chuck Adams K5FO adams@ticnet.com CP-60
<http://www.ticnet.com/k5fo>

Date: Wed, 27 Jan 1999 14:33:01 +0000
From: Bob Hightower <ki7mn@extremezone.com>
To: rakefet@rakefet.com
Cc: qrp-1@lehigh.edu
Subject: [31120] Re: Big Fox!
Message-ID: <199901272132.0AA01104@enterprise.extremezone.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 07:07 PM 1/26/99 -0800, you wrote:

>

>Yeah, and one of them was obviously not copying word one from Jim. Hmm,
maybe
>it's not such a good idea to spot the fox on packet (just a thought).
>

No, not really. Doesn't make for much of a 'hunt' with packet spots.
72,73
Bob Hightower KI7MN Chandler, AZ DM43BI

<http://www.extremezone.com/~ki7mn>

Date: Wed, 27 Jan 1999 16:35:40 -0500
From: "Larry H. Lyda" <wa4pjp@volstate.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [31121] 13 wpm code exam
Message-ID: <00c201be4a3d\$0b2fe020\$5f338cd1@larry>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,

According to the ARRL VEC Volunteer Examiner Manual, seventh Edition, Third Printing-1998 on page 46 says, The ARRL/VEC provides Morse code audio cassette tapes that use the Farnsworth method, which generates characters at a faster rate, while extra space is inserted between characters and words to slow the overall speed.

For example, the ARRL/VEC 5-wpm Morse code exam has the characters sent at 18 wpm, while the spacing between the characters and words slows the overall rate to 5 wpm. The same is true for the 13 wpm exam (the character speed is 18 wpm). As for the 20 wpm, the character speed is 20 wpm--Farnsworth is therefore not used.

The standard tone frequency of ARRL/VEC provided audio cassette exam tapes is 716 Hz.

Hope this clears up the Farnsworth question.

73
Larry
WA4PJP

Date: Wed, 27 Jan 1999 15:37:32 -0600
From: Michael Melland <badger@vbe.com>
To: qrp-l@lehigh.edu
Subject: [31122] Not qrp - Oscilloscope for sale
Message-ID: <36AF871C.705B@vbe.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I'm selling my B&K Precision 1479B Oscilloscope. It was purchased new in 1983. Nice condition, selling with two B&K scope probes and all manuals included. Asking \$135 shipped obo. A good inexpensive first O'scope and very usable especially for a hobbyist. Here are some specs:

B&K Model 1479B, 30 MHz, dual trace, triggered sweep Oscilloscope
Triggering ability extends usable range to 50 MHz
-3 db @ 30MHz, -6 db @ 49Mhz
Built in calibration source,
20 calibrated sweep speeds,
5 mV/cm to 5 V/cm in 10 ranges with fine adjustment
Max input: 300 VDC + AC peak or 600 V p-p
Operating modes: Channel A, Channel B, Dual Trace, Add
X5 sweep magnification, Video Sync separator circuit

--

Michael Melland, KB9QHU
Winneconne, Wisconsin, USA
FISTS #4387, 10-10 #69281, QRP-L #1656
CW, SSB, and Electronics
List Administrator: grundig@qth.net
<http://www.vbe.com/~badger>
<http://www.qsl.net/kb9qhu>

Date: Wed, 27 Jan 1999 13:40:24 -0800
From: Norm Melick <henmel@worldnet.att.net>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [31123] Learning Morse Code
Message-ID: <36AF87C8.A06A770D@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I'd like to add to Doug's last comment about learning morse code.

I initially learned morse code using the radio shack tapes. I don't recommend them, or learning the code with "slow speed" tapes. They are too slow, do NOT reflect what you hear on the air, and do not have that "melodic song" that people talk about. I had a difficult time carrying on a QSO because I didn't recognize the code being sent to me, so I quit trying to engage in QSO's, and devoted my time to building kits and accessories.

When I wanted to upgrade to 13 and then 20 WPM, I had to re-learn the code. Veda wanted to learn the code, so I bought the ARRL CD's. The difference is amazing. Using the ARRL CD's, Veda's is learning the code at a much faster rate than I initially did. I basically re-learned the code and went from 5 to 22 WPM in a month, which allowed me to advance to extra class.

When Veda was listening to the SW receiver, she had no problems picking up letters and some words listening to QSO's at 15 WPM, even though she was just learning the code. I couldn't do that when I was at her level, using the Radio Shack tapes.

I wished I had an elmer to help me. I build kits and antennas for friends, but I think everyone should have an elmer with them when they first get on the air. I didn't, and I wish I had. Since I am between jobs (anybody want a real experienced pilot? :)), I intend to get back on the air. I am currently using the ARRL CD's, my speed is back up to about 10 WPM, and I will try to find someone to work with me and Veda on the air this time.

I highly recommend learning the code at the faster "farnsworth" method, and definitely not the way I initially did.

1. Your learning curve will be much higher than those using the "slow code" method.
2. The code you hear on the air will make sense. Very few people send code ala RS code tapes.
3. You won't be trying to "count" dits and Dahs. Major mistake.
4. Advancing to higher code speeds will be easier because the letters and words will "sound" the same, no matter what speed they are sent.

5. Your code tests will go much easier.

I've experienced the difference. Just my .02 cents worth.

72,
Norm/KQ6SD

Date: Wed, 27 Jan 1999 16:42:56 EST
From: w4pj@w4bkk.ampr.org
To: qrp-l@lehigh.edu
Subject: [31124] What to paint it (Was Re: Mentoring ...)
Message-ID: <45927@w4bkk.ampr.org>

I'd use Imron metallic silver with a little flattening agent for a nice satin finish. (Start with U.S. Paints acid etchant and chromate, then 545 gray epoxy primer). The box could be washed with Denatured Alcohol and sprayed one material after the other in 1/2 hr. steps - all done in about a 2 hr. time span. Very durable stuff... (I used to paint Yachts for a living)

de Scott / W4PJ

P.S. Contact your local auto paint supplier for Imron or other Dupont products.

Date: Wed, 27 Jan 1999 21:54:49 +0000
From: Patrick M Kvitkauskas <pmk@juno.com>
To: qrp-l@lehigh.edu
Subject: [31125] PSK31 and non Creative Labs card.
Message-ID: <19990127.215451.16350.0.pmk@juno.com>

Well I thought I would download the PKS software and give it a shot. Well it work's on my generic sound card in windows 95 FB so far. I guess it is working as it is making lots of racket coming out of the speakers in TX.

I haven't hooked up the RX yet but that is next. Think the sample rate ended up at 8000.0 but she is sure making noise. Figured I would give it a shot and boy if it is sending rite it sure is a neat new mode. It doesn't sound anything like AFSK or RTTY.

So if you don't have a Creative labs sound card give it a shot anyway and you might get

lucky as I have so far.

72 de Patrick KD4OBQ

AR

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or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 27 Jan 1999 16:57:53 -0500
From: "S. M. Whitehouse" <ke4yh@email.msn.com>
To: "Low Power" <qrp-1@Lehigh.EDU>
Subject: [31126] PSK-31: Tuning
Message-ID: <000101be4a40\$1d085400\$b045fcd0@default>

Hi folks,
Seems like lots of QRP-Lers are trying out PSK-31.
Just thought I would throw in a word about setting
the transmitter frequency. Because the computer is
keying the SSB transmitter with tones at about 1Khz,
the signal is actually about 1khz above (USB) the
frequency indicated. If you want to transmit on 14070
then set your xcvr dial at 14069. Also if you call CQ
don't check the box TX NET. The station that calls you
would check that box and he will track with you. Both
stations should check the RX AFC box, once the other
station is tuned in.
Hope this helps, I'm not an expert but have been trying
to pay attention with the few QSOs I've made so far.
See you on the NEW mode.

72
Stew KE4YH
Dunedin, Florida

Date: Wed, 27 Jan 1999 14:06:04 -0800 (PST)
From: Jeff <fantbb@yahoo.com>
To: qrp qrp <qrp-1@lehigh.edu>
Subject: [31127] Re: Free (almost) 30m kit

Message-ID: <19990127220604.20903.rocketmail@send104.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

---joel malman <malman@world.std.com> wrote:

>
>
> This is NOT spam and NO joke.
>
> You can win a QRP kit for \$1.00, plus postage !
>
>
> Background
> =====
> I have an extra, factory fresh, 38 Special kit that I will sell for
> \$1.00 if you meet the requirments outlined below. The kit is a board
> based 30 meter QRP kit will all parts, and instructions as sold by the
> Northern California QRP Club. The kit is (c) 1997 by NorCal. The rig
> was designed by Ori Mizrahi-Shalom, AC6AN.
>
> Requirments
> =====
> 1. You must be a US ham.
> 2. You must have a QRP-L number.
> 3. If you win, you will have to pay \$1.00 plus \$3.20 postage.
> 4. You must be able to PROVE that you upgraded from Novice, Tech or
> Tech Plus to General, Advanced or Extra Class during the month of
> January 1999. (The last weekend of January just about here!).

Ya know there are times when being an Extra has it's disadvantages! 8-)

Good luck to the contestents!!!!

Jeff

==

Jeff Jones

AB6MB

NorCal QRP Club #65, QRP-L #1780

CW Forever!!!

Ghost Hunter

Owner of the Delta MudCats fantasy baseball team

Long live Manchester United and the Oakland A's!!!!!!

DO YOU YAHOO!?

Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Wed, 27 Jan 1999 16:13:17 -0600
From: Jeff Johns <jeffj@scott.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [31128] Re: 13 wpm code exam
Message-ID: <199901272213.QAA18988x@scott.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

On Wed, 27 Jan 1999 16:35:40 -0500, "Larry H. Lyda" <wa4pjp@volstate.net> wrote:

> For example, the ARRL/VEC 5-wpm Morse code exam has the characters sent
> at 18 wpm, while the spacing between the characters and words slows the
> overall rate to 5 wpm. The same is true for the 13 wpm exam (the character
> speed is 18 wpm). As for the 20 wpm, the character speed is 20
> wpm--Farnsworth is therefore not used.

Having taken my cw test about 3 weeks ago at a ARRL VEC testing session, I
can verify that this is true and accurate information.

73 Jeff W4JEF

```
*----- Jeff Johns W4JEF - AMSAT# 32615 -----*
|jeffj@scott.net w4jef@amsat.org | Reserve Patrol Captain |
| Satellite: Mir R0MIR-1, AO-27 | Jefferson County Sheriff's Dept|
|200LX+BayPac+FT50=Portable Packet| QTH Birmingham, AL USA |
*-----*
```

Date: Wed, 27 Jan 1999 14:18:19 -0800 (PST)
From: Jim NOUR <n0ur@yahoo.com>
To: QRP-L QRP-L <qrp-1@Lehigh.EDU>
Subject: [31129] FOX:NOUR Report.....WOW!!
Message-ID: <19990127221819.7385.rocketmail@send201.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

It was one of those nights, everything went right. The

band was in great shape, the hunters were out in great force, no QRM, everyone was patient, my wife was working and my kids were good. I couldn't ask for a better night.

Stations were booming in from everywhere, ND, RI, TX, FL AZ, UT all in the first half hour. The pile up was huge, I had to just work the edges the first hour...I didn't have to travel to Campbell Island to work this pile. I was very impressed with the way people handled themselves.

I have a strange local noise right 7.040 here, but when I use my 80 meter inverted L I can hear much better. So I built a foot switch using a clothes pin, a mercury switch out of a old thermostat and a relay to jump back and forth between antennas. Worked great, but toward the end my timing was getting backwards. My rig was a IC-735 @ 5 watts to a good ol dipole.

During my last outings as a Fox the first hour was crazy, but the second hour would get pretty slow. Not last night, stations just kept coming back, and the band hung in there. I had 55 Q's after the first hour, 85 at 90 minutes, and made QSO # 100 at 02:59 thanks to Eric, NM5M (his first fox)

Thanks again to all, I got lucky with a hot band and good ops. I don't remember having this much fun

Log tomorrow, I have to retype it to my email.

72's es cul

Jim, NOUR

DO YOU YAHOO!?

Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Wed, 27 Jan 1999 16:14:51 -0600
From: "Walter Dufrain" <walter@inlink.com>
To: <w7ls@blarg.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [31130] Re: 80 meter resonator parts
Message-ID: <003201be4a42\$781e4820\$746ac4ce@nexar>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Thanks, Jim, I just ordered 4 packs from Chris at the store (Active Electronics) and they seemed to be very interested in helping Hams with parts. And the interesting note is that they have a catalog (non internet) and don't seem to mind the 'onesey & twosey' parts purchase that Hams usually need.

Thanks again for the 'heads up'.

72 / 73 Walter Dufrain, AG5P Wright City, Missouri

Date: Wed, 27 Jan 1999 22:21:24 +0000
From: Patrick M Kvitkauskas <pmk@juno.com>
To: qrp-l@lehigh.edu
Subject: [31131] Part 2 PSK31 and non Creative Labs card.
Message-ID: <19990127.222125.16350.1.pmk@juno.com>

Please send any suggestions direct PSE ?

Well it is receiving OK I guess. I couldn't find a PSK QSO going but did tune into a carrier and boy is it touchy. I couldn't use the VFO on the Sierra but did get it with the RIT.

Guess I will have to get out the old Uniden transceiver of rob the TS-50 of the motorcycle and see how I can make out.

Got to check on the interfacing next.
Any suggestions on coupling the Mic input (resistor value and cap)???

Think I will stick with manual keying at the moment so I am not too worried about that part.

72 de Patrick KD4OBQ

AR

----- Begin forwarded message -----
From: pmk

To: qrp-1@lehigh.edu
Subject: PSK31 and non Creative Labs card.
Date: Wed, 27 Jan 1999 21:54:49 +0000
Message-ID: <19990127.215451.16350.0.pmk@juno.com>

Well I thought I would download the PKS software and give it a shot. Well it work's on my generic sound card in windows 95 FB so far. I guess it is working as it is making lots of racket coming out of the speakers in TX.

I haven't hooked up the RX yet but that is next. Think the sample rate ended up at 8000.0 but she is sure making noise. Figured I would give it a shot and boy if it is sending rite it sure is a neat new mode. It doesn't sound anything like AFSK or RTTY.

So if you don't have a Creative labs sound card give it a shot anyway and you might get lucky as I have so far.

72 de Patrick KD4OBQ

AR

----- End forwarded message -----

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 27 Jan 1999 17:26:10 -0500
From: Donald F Firlik <dfirlik@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [31132] Re: Free kits
Message-ID: <19990127.172619.6726.1.dfirlik@juno.com>

On Wed, 27 Jan 1999 08:02:34 -0800 (PST) Ron Stark <ku7y@dri.edu> writes:

>>On Wed, 27 Jan 1999, Jeff Johns wrote:
>>
>> Yeah.... those 12 and 13 year old kids should drop out of school, get
a work
>> permit and head to McDonald's <grin>. Uh oh.... I feel the heat from

the
>> flames building <g>!

>No,
>
>BUT..... there is nothing to keep them from doing some yard
>work for people, mowing lawns, cleaning up trash piles, mucking
>out barns and etc.
>
>I don't think money is as big an issue as motivation!

Ask the next teen you come into contact with how many prerecorded tapes
and CDs they own and calculate the total value @ at \$10 (or more)
apiece. Kids today find the money for the things they want.

Don, K8AQZ
Grand Rapids, Michigan

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Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 27 Jan 1999 14:24:31 -0800
From: dave_epps@juno.com
To: qrp-1@lehigh.edu
Subject: [31133] FB40-B 7.015 Fresno
Message-ID: <19990127.142737.-114577.3.dave_epps@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Just finished a Fireball Rev. B. and thanks to John MCSChan with the
group buy on oscillator modules can now get away from the digital
guys on 7.080 mhz. The Rev. B board is great and am looking forward
to getting the "PLUS" amplifier kit. I don't know how the N.J. guys can
put this out for only \$10.

Will be looking for Fireballer's on 7.015 mhz , 7.080 mhz, 14.030 mhz,
28.060 and 28.322 mhz.

dave ab5pc fresno, ca.

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 27 Jan 1999 16:31:37 -0600
From: Jeff Johns <jeffj@scott.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [31134] Re: Learning Morse Code
Message-ID: <199901272231.QAA23626x@scott.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

On Wed, 27 Jan 1999 13:40:24 -0800, Norm Melick <henmel@worldnet.att.net> wrote:

> I highly recommend learning the code at the faster
> "farnsworth" method, and definitely not the way I initially
> did.

OK gang, here's what is bugging the heck out of me. I got my Tech+ license and when I took the CW test it was an absolute breeze. Of course, I was nervous, but after it was over I realized it's no big deal. I have a 10 meter rig so I don't get to do anything at night with it :(This is going to sound crazy, but I'm curious if anyone else has had the problem I'm having. When listening to code sent over the air (during the rare time that I'm at home during the day), I can't copy hardly anything :(My mind just goes totally numb to it. What's even stranger is that I don't seem to have sending code or looking at signs or books or other written material and hearing the code in my head or just saying it to myself. I guess it's some kind of stagefright thing I have going on inside my head. I'm going to be building a little 40 meter qrp rig here in the very near future and I hope that being able to listen to qso's at night will help me over this hurdle. Have any of you ever experienced this kind of mental block or am I just weird (ok I know I'm weird)?

73 Jeff W4JEF

```
*----- Jeff Johns W4JEF - AMSAT# 32615 -----*
|jeffj@scott.net w4jef@amsat.org | Reserve Patrol Captain |
| Satellite: Mir R0MIR-1, AO-27 | Jefferson County Sheriff's Dept|
|200LX+BayPac+FT50=Portable Packet| QTH Birmingham, AL USA |
*-----*
```

Date: Wed, 27 Jan 1999 17:30:25 EST

From: RangerSF5@aol.com
To: ke3fl@JUNO.COM
Cc: qrp-1@lehigh.edu
Subject: [31135] Re: MFJ-9040 power too low
Message-ID: <311df3f0.36af9381@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

In a message dated 99-01-27 15:23:13 EST, you write:

<<

My MFJ-9040 maxes out at around 3.5 watts, it never reaches the point where the power starts to decrease. Any ideas on how to get the 4.5 watts output?

>>

First check your board voltage.

Should be around 10.5 Volts.

These small plastic pots sometimes develop dead spots so spray it with tuner cleaner then check the board voltage at test point #2 for 10.5 Volts.

Back off the VFO trim pot to 3 watts then peak TX # 1 and TX # 2 for maximum output

Now Peak the mixer VFO drive pot for max output.

This should give you 5 watts you're looking for.

I usually back off the VFO drive until I get 4 watts into a dummy load.

Check the VFO freq. after you changed the board voltage.

Any change in the main board voltage will change the frequency of the VFO

GL

Bob

WA2HQQrp <tm>

Date: Wed, 27 Jan 1999 17:19:05 EST

From: HWRM1SS@aol.com

To: njqrp@njqrp.org, qrp-1@lehigh.edu

Subject: [31136] Re: [Fwd: Radio gear on WWII Subs:]

Message-ID: <4979c9d6.36af90d9@aol.com>

Mime-Version: 1.0

Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7bit

Content-Transfer-Encoding: 7bit

Gentlemen,

I served onboard Nuclear Attack boats USS R B Russell SSN-687, and USS Pargo SSN-650 during 70's and 80's. Also served aboard a Diesel-Electric SS-555 USS

Dolphin...

I am 43 years of age and obviously DID NOT serve during WWII, though I have an extensive library on submarine warfare and history. I have made this an other have so for the last 20 years. By the way -- I was a Radioman First Class on discharge and we still operated CW way back in 82'.

WWII fleet boats DID NOT have enigma machines. The Germans used and developed the Enigma machine... they stole it from the Polish... We stole it from the Nazi's! We called it the KL-47... still in use in 82' when I got out... Best cypher machine I have ever used...

7s

Howard K3HW

Former Radioman -- Submarine Service -- 1975 - 1982

Date: Wed, 27 Jan 1999 17:45:59 EST
From: MOBEDDAMAC@aol.com
To: qrp-1@Lehigh.EDU
Subject: [31137] More <grin> on free kits(was RE:Free Kits)
Message-ID: <67286c35.36af9727@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

On Wed, 27 Jan 1999 13:53:59 +0000, Walt Amos <waltk8cv@surfree.com> wrote:

>>All this just because some NUBIE won't get out and find a job that CAN
>> PRODUCE \$55 dollars geese!!

>Jeff, W4JEF replied:

>Yeah.... those 12 and 13 year old kids should drop out of school, get a work
>permit and head to McDonald's <grin>. Uh oh.... I feel the heat from the
>flames building <g>!

OK, as a NUBIE at least to QRP, I'd like to throw my .02 in on this fun conversation:

I have been a ham for the last year and a half, since the middle of my Junior year in High School. I'm a senior now, and I worked hard(around my schoolwork) to get my first ticket and proceed this past summer to general class. I got very bored of 2m chit-chat very quickly and wanted to work some HF, which I had seen for the first time that summer at Field Day.

After field day and once school started again, there was absolutely NO WAY that I could come up with the money to buy my own HF rig, because I play club soccer and am in all honors classes at school, and none of my family is interested in ham radio, so my elmer graciously allowed me to borrow his extra rig.

That winter, even though the bands weren't great, I contacted many stations on 10M voice and 40M CW, both stateside and DX. If this fellow hadn't let me use his extra rig, I'd have probably given up the hobby that I have now come to love, mainly because I was BORED! When I finally could save up the money from my summer jobs, I spent \$300 on my first rig and am enjoying many aspects of ham radio now, not b/c I have \$ to spend, but because of people letting me borrow their equipment.

So my point? Just because people want a cheap (or free) way to get on the radio to start out, it doesn't mean that they're lazy, just that they haven't got the extra money to spend. We should be worried about getting them on the air! Let someone borrow that extra rig you've got sitting, gathering dust on the shelf...if you can't find someone that could use it, think about loaning it to a school club in your area, or taking it up to the school once a week or once a month yourself and operating. I am pretty sure the principal of the school would greet you graciously, especially with all the teaching applications of ham radio.

As a NUBIE, I don't know what my opinion is worth, but the main thing is to operate (spread goodwill?) and help somebody else (advance the radio hobby?), whether its by elmering, loaning equipment, helping a NUBIE put up his first antenna, teaching a novice/tech class (its really a lot of fun), or providing the emergency communications ham radio is famous for. Each one teach one, if you're so worried about this hobby going down the drain....do something about it....just think, if you teach someone, they are eventually going to be as good an operator as all of you are.

I know, I know, that's too much bandwidth, so I'll end it...tnx es 72/73

Justin McAllister, KD5AK0
Founder and President, Weatherford High School Amateur Radio Club
QRP-L# 1849
Weatherford, TX

Date: Wed, 27 Jan 1999 15:42:39 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-l@Lehigh.EDU
Subject: [31138] FYBO: Summary Sheet available now
Message-ID: <199901272242.PAA00500@usr08.primenet.com>

Howdy yet again Folks,

ScQRPion Bob (KI7MN) has just added the FYBO '99 Summary Sheet to his website (see link info at the bottom of my .sig). Please use it - it helps preserve what little sanity I have left, and will greatly speed up the scoring. And we all know I need all the help I can get in that area.... ;-)

(Thanks Bob - that was fast! :))

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"It's hard to be unhappy when you have warm feet."
- Dave, Fellow Snow Camper

FYBO Winter QRP Field Day - Feb 6th - See <www.extremezone.com/~ki7mn>

Date: Wed, 27 Jan 1999 16:56:00 -0500
From: W5TB <w5tb@SoftHome.net>
To: qrp-1@Lehigh.EDU
Subject: [31139] Need Hawaii?
Message-ID: <v04011700b2d53bd629b5@[10.4.13.109]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

This is from Mike Burger in Hawaii, a terrific opportunity to add a Hawaiian FISTS member to your log! --

The Hawaii FISTS QSO Party

On Saturday, January 30th, 1999, two Hawaii FISTS members will operate on 20 and 15 meters for two hours from 1900 Z to 2100 Z. That is 0900 to 1100 HST.

Mike Burger, AH7R, hopes to travel to contest station KH7R and make use of the big tower and stacked beams on 15 meters to provide greater punch than his home QTH of two Hustler whips and 20 watts on a condo lanai in the urban Honolulu area. He will be near 21.058 Mhz. Location is on Oahu in Grid BL01, adjacent to Waimea Falls Park.

Jim Reid, KH7M, will be using his home station with a new Force 12 beam on Kauai, also grid BL01 but about 90 miles west on another

island. He will be near 14.058 on 20 meters.

By activating two bands simultaneously from two stations about 100 miles apart, we hope to increase chances that FISTS members can find and work one of us.

Hopefully we can hand out a few FISTS numbers to people working on the FISTS WAS award where Hawaii can be somewhat hard to find.

Neither of us claims to be a brass pounding speed demon or psycho world class CW contest operator, so mellow patience will be appreciated.

www.chem.hawaii.edu/uham

73 T.E. 'Doc' Drake W5TB

Arlington, TX w5tb@softhome.net <http://www.qsl.net/w5tb/>
QRP-ARCI # 3252 NORCAL #1002 QRP-L #673 FISTS # 5365
ARRL Life Member

Date: Wed, 27 Jan 1999 16:02:39 -0700
From: Neil Klagge <w0yse@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [31140] DX-77T QUESTION
Message-ID: <19990127.160247.-115623.2.w0yse@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Does the Alinco DX-77T have a quiet QSK t/r system, or is it done by a relay??

72 , Neil, w0yse since '54 a QRP-L digest reader
Now using only solar power for QRP <><

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or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 27 Jan 1999 17:11:03 -0600

From: cd25d@clnk.com (Bill Slater)
To: <qrp-1@Lehigh.EDU>
Subject: [31141] RE: Learning Morse Code
Message-ID: <017301be4a4a\$50252700\$aee4050c@willies>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Jeff

I try to see thing in morse. As a newbie, it helps me a great deal. Of course, I feel that I can send much faster than receive, and I (MHO) think that is normal. M problem in coping from my SW rx is that the QSN and near by signals are so d... difficult to follow! I "THINK" I have learned to pick out a operator and follow his/her tome. I hope that is how it works.

Also in coping CW, when I drop a letter, I tend to focus on "what the he.. was that", instead of just going on and making sure I get the rest of the word/words. The blanks can be filled in later (I hope). I am finding that certain words/prosigns are becoming automatic in my recognition process, and assume that with more experience works will do the same!!! In my case, I dont believe that it's a mental block as much as lack of experience.

Still searching for a Local Elmer

73 de KD5GCX
Bill

>OK gang, here's what is bugging the heck out of me. I got my Tech+ license
>and when I took the CW test it was an absolute breeze. Of course, I was
>nervous, but after it was over I realized it's no big deal. I have a 10
>meter rig so I don't get to do anything at night with it :(This is going
to
>sound crazy, but I'm curious if anyone else has had the problem I'm having.
>When listening to code sent over the air (during the rare time that I'm at
>home during the day), I can't copy hardly anything :(My mind just goes
>totally numb to it. What's even stranger is that I don't seem to have
>sending code or looking at signs or books or other written material and
>hearing the code in my head or just saying it to myself. I guess it's some
>knid of stagefright thing I have going on inside my head. I'm going to be
>building a little 40 meter qrp rig here in the very near future and I hope
>that being able to listen to qso's at night will help me over this hurdle.
>Have any of you ever experienced this kind of mental block or am I just
>weird (ok I know I'm weird)?

Date: Wed, 27 Jan 1999 17:35:23 -0600
From: Jim <kj5tf@madisoncounty.net>
To: qrp-1@Lehigh.EDU
Subject: [31142] Milliwatts to PR
Message-ID: <36AFA2BB.3F4@madisoncounty.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Just had a QSO with KP3BH today at 2224Z in central Puerto Rico. On 21.028MHz I called him with 200mW in a small pile-up. He called back, and I went down to 50mW with him! Below is his reply to my email. Thank you Buckmaster!!

This milliwatting is really fun - 72/3'z de Jim KJ5TF ARQRP #2

HI Jim,

Thanks for the qso.your signal with 200 milliwat was 559/579.With 50mw rst was 559/569.

Incredible! You are the first station tha I work with so less power!.

My age is 16 years.My rig is a yaesu FT-757GXII and the antenna is a 3 elemment tribander
up to 30 feet in a building of 3 floors.

Jim,take care and best 73's:

Date: 27 Jan 99 18:41:12 EST
From: Roy Lincoln <wa4dou@usa.net>
To: qrp-1@Lehigh.EDU, <rmccarty@earthlink.net>
Subject: [31143] Re: [RE: Free kits]
Message-ID: <19990127234112.18779.qmail@www0a.netaddress.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Roger,

Well said! 73 Roy WA4DOU

There have been many very thoughtful remarks regarding this subject. I have enjoyed reading them.

My thoughts are two fold; first, everything is usually worth exactly what you must invest of yourself to obtain that thing. Everything.

>From your license class, to the equipment you operate.

Giving anything away usually carries with it the stigma of inherent value. Most manufacturers I deal with would not want their equipment associated with a give-away, for it immediately lowers the apparent value of that product.

In addition, the user tends to qualify the product by the apparent value. Thus the circle begins....

Second, Most of us use Qrp for very personal reasons. Sometimes these reasons are similar between us, but yet still remain personal because of the individual efforts WE put into the rigs.

Consider three basic motivators for Qrp (Not intended to be all inclusive). Some of us use Qrp for totally utilitarian purposes i.e.; we are backpackers or vacationers with limited space. Others enjoy Qrp for the express purpose of building stuff, because it allows us to blend our creative urges with our technical inclinations (or vice versa). And still others, (the bulk of our members?) use Qrp because we enjoy challenge. Perhaps we are basically "Bootstrap" people i.e., we pride ourselves on our personal ability to work under duress or struggle, in effect pulling ourselves up by the bootstraps. I think if your in your home using an AC powered Qrp radio that sits directly adjacent to your Qro radio, you probably are one of these people. Of course these reasons all intertwine and supportive of one another.

My point is, we all had/have a PURPOSE. We are motivated by the PURSUIT of these purposes. And, it is the pursuit that I think we enjoy. Giving something away denies that person this purpose.

Others have covered this very well, I can only add that to really help a newbie, Elmer him/her. Give them a schematic, help them read it/understand it, help them build it when they ask for your assistance, Let them acquire their own parts, throw in a hard to find junk box part if necessary, etc., etc. Bottom line, let them show YOU their internal motivation and let them do it. The end result will be a significantly higher level of respect for the equipment and....., themselves.

FWIW

72!

Roger KD6CC

Get free e-mail and a permanent address at <http://www.netaddress.com/?N=1>

Date: Wed, 27 Jan 1999 18:45:11 -0500
From: "Richard Brummer" <obvious@bestweb.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [31144] Re: Free kits
Message-ID: <002101be4a4f\$15b04d20\$0105b3d8@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Don,

Then, sometimes, it's their PARENTS who tell them, "That's nice, but it's too expensive." I've seen that first-hand, MANY times !

Then there's always, "Where do you get the money for all of this stuff?" Well, I didn't buy it all YESTERDAY, what you see is part of 34 years of buying, selling, trading, upgrading, etc. Many people have some BIG misconceptions about this hobby ! Sometimes, they are hard to change.

73,
Dick K2REB Mahopac, NY
obvious@bestweb.net
QRP-L #1811 FISTS #5735
Enjoying Ham Radio for 34 years
-----Original Message-----

From: Donald F Firlik <dfirlik@juno.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Wednesday, January 27, 1999 5:58 PM
Subject: Re: Free kits

>
>On Wed, 27 Jan 1999 08:02:34 -0800 (PST) Ron Stark <ku7y@dri.edu> writes:
>

>>>On Wed, 27 Jan 1999, Jeff Johns wrote:
>>>
>>> Yeah.... those 12 and 13 year old kids should drop out of school, get
>a work
>>> permit and head to McDonald's <grin>. Uh oh.... I feel the heat from
>the
>>> flames building <g>!
>
>>No,
>>
>>BUT..... there is nothing to keep them from doing some yard
>>work for people, mowing lawns, cleaning up trash piles, mucking
>>out barns and etc.
>>
>>I don't think money is as big an issue as motivation!
>
>Ask the next teen you come into contact with how many prerecorded tapes
>and CDs they own and calculate the total value @ at \$10 (or more)
>apiece. Kids today find the money for the things they want.
>
>Don, K8AQZ
>Grand Rapids, Michigan
>
>-----
>You don't need to buy Internet access to use free Internet e-mail.
>Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
>or call Juno at (800) 654-JUNO [654-5866]
>

End of QRP-L Digest 1349

